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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

COLUMBUS AFB, MISSISSIPPI

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



DECEMBER 1991

92-20921



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- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCs (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCs NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SPCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCs." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY DATA: APR 81 - MAR 91 (AIRWAYS).

SUMMARY OF DAY DATA: MAR 42 - JUN 46, NOV 58 - MAR 91 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 723306		STATION NAME COLUMBUS AFB, MS		LATITUDE N 33 39	LONGITUDE W 088 27	FLD ELEV (FT) 219	CALL SIGN CBM	WMO NUMBER	
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Columbus Field/Columbus, MS	AAP	Mar 42	Sep 44	N 33 38	W 088 27	195	211	24
2	Same	Same	Sep 44	Jun 46	Same	Same	198	Same	24
3	Columbus AFB, MS	AFB	Nov 58	Jul 71	Same	Same	204	224	24
4	Same	Same	Jul 71	Jan 89	N 33 39	Same	219	209	24

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	AAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	AA AA
PPPPPPPPPP	AAAAAAAAAAAA	RRRRRRRRR	TT	AAAAAAAAAAAA
PP	AAAAAAAAAAAA	RR RR	TT	AAAAAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.0	14.2	.3	1.6		16.2	28.0	2.4			46.5	922
03-05	.8	13.7	.8	1.2		15.7	32.9	1.9	.2		50.8	924
06-08	.6	12.4	.9	.3		13.6	37.7	3.4			54.7	924
09-11	.1	10.5	.1	1.0		11.6	25.9	5.0			42.4	924
12-14	.3	10.8		1.5		12.3	16.7	4.0			33.0	924
15-17	.5	9.6	.2	1.0		10.8	14.8	2.9			28.6	924
18-20	.3	10.9	.2	.5		11.7	17.5	3.4			32.6	924
21-23	.8	12.6	.4	.9		13.9	23.5	4.0			41.3	924
ALL HOURS	.6	11.9	.4	1.0		13.2	24.6	3.4	.0		41.2	7390

MONTH: FEB

00-02	1.8	13.2	1.1	1.2		15.5	21.6	4.8			42.0	846
03-05	1.5	13.6	.8	.6		15.0	29.0	4.8			48.8	846
06-08	.8	15.5	.6	.7		16.8	35.9	5.1			57.8	846
09-11	.9	14.1	.5	2.0		16.5	20.9	5.4			42.9	846
12-14	.8	12.1	.4	2.1		14.5	13.0	3.9			31.4	846
15-17	1.8	11.8	.1	2.0		13.9	13.0	3.0			29.9	846
18-20	1.2	10.6	.6	1.3		12.5	13.5	1.7			27.7	846
21-23	1.8	11.8	.7	1.3	.1	13.9	16.5	3.3			33.8	846
ALL HOURS	1.3	12.8	.6	1.4	.0	14.8	20.4	4.0			39.3	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.8	7.8				7.8	16.9	2.9			27.6	930
03-05	1.1	8.2		.5		8.7	23.7	3.2			35.6	930
06-08	1.2	8.8		1.0		9.8	28.0	6.7		.1	44.5	930
09-11	1.4	9.7		1.1		10.8	12.5	7.1		.1	30.4	930
12-14	1.2	8.9		.4		9.4	8.3	3.8		.2	21.6	930
15-17	.8	8.1		.5		8.6	6.1	2.2		.3	17.2	930
18-20	1.6	11.1		.6		11.8	10.0	1.7		.3	23.8	927
21-23	1.4	8.8		.2		9.1	13.4	2.4		.1	24.9	927
ALL HOURS	1.3	8.9		.6		9.5	14.9	3.7		.1	28.2	7434

MONTH: APR

00-02	2.8	5.3		.3		5.7	14.0	2.7			22.3	900
03-05	1.8	5.2		.2		5.4	24.1	3.3		.1	33.0	900
06-08	1.7	6.3				6.3	25.3	7.3		.2	39.2	900
09-11	1.7	5.4		.1		5.6	8.4	6.0			20.0	900
12-14	2.3	6.0				6.0	3.4	3.4			12.9	900
15-17	3.1	7.4				7.4	2.7	3.3			13.4	900
18-20	3.0	7.4		.1		7.6	4.8	4.3			16.7	900
21-23	2.4	7.7		.3		8.0	7.1	3.9			19.0	900
ALL HOURS	2.3	6.4		.1		6.5	11.2	4.3		.0	22.1	7200

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.8	5.9				5.9	20.0	8.3			34.2	930
03-05	2.2	7.2				7.2	42.3	13.9			63.3	930
06-08	1.4	5.5				5.5	33.0	17.8			56.3	930
09-11	1.6	6.1				6.1	8.8	11.6			26.6	930
12-14	2.7	6.0				6.0	3.7	8.8			18.5	930
15-17	4.1	5.5				5.5	3.0	6.8			15.3	930
18-20	5.1	7.2				7.2	6.2	8.3			21.7	930
21-23	2.7	5.8			.1	5.9	10.4	8.2			24.5	930
ALL HOURS	2.7	6.2			.0	6.2	15.9	10.5			32.6	7440

MONTH: JUN

00-02	1.6	2.1				2.1	22.7	17.3			42.1	900
03-05	1.6	3.1				3.1	49.1	21.8			74.0	900
06-08	2.3	5.1				5.1	37.8	27.8			70.7	900
09-11	1.3	4.0				4.0	5.0	17.2			26.2	900
12-14	3.2	3.4				3.4	.9	11.0			15.3	900
15-17	7.0	7.0				7.0	.8	11.7			19.4	900
18-20	6.0	6.8				6.8	2.1	14.8			23.7	900
21-23	3.3	5.0				5.0	9.1	13.7			27.8	900
ALL HOURS	3.3	4.6				4.6	15.9	16.9			37.4	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.8	2.5				2.5	28.8	25.2			56.5	930
03-05	1.0	2.9				2.9	59.0	26.3			88.3	930
06-08	.5	3.4				3.4	48.2	31.3			82.9	930
09-11	1.2	3.2				3.2	8.1	24.8			36.1	930
12-14	3.9	4.4				4.4	2.8	19.9			27.1	930
15-17	8.3	6.1				6.1	2.4	20.1			28.6	930
18-20	5.7	4.9				4.9	4.4	23.9			33.2	930
21-23	2.9	3.9				3.9	12.4	26.2			42.5	930
ALL HOURS	3.0	3.9				3.9	20.8	24.7			49.4	7440

MONTH: AUG

00-02	.3	.6				.6	33.9	38.1			72.6	930
03-05	.8	.8				.8	59.9	36.5			97.1	930
06-08	.3	2.6				2.6	57.3	42.5			100.0	930
09-11	.9	2.8				2.8	6.6	37.3			46.7	930
12-14	3.8	4.7				4.7	2.2	26.6			33.4	930
15-17	5.2	4.7				4.7	1.2	26.0			31.9	930
18-20	4.9	4.5				4.5	4.3	32.2			41.0	930
21-23	2.2	3.0				3.0	13.7	36.6			53.2	930
ALL HOURS	2.3	3.0				3.0	22.4	34.4			59.8	7440

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	4.4				4.4	26.0	14.9			45.3	900
03-05	.3	5.6				5.6	41.7	16.2			63.4	900
06-08	.4	5.7				5.7	49.3	20.1			75.1	900
09-11	.6	4.1				4.1	11.4	17.8			33.3	900
12-14	1.4	4.9				4.9	3.4	10.9			19.2	900
15-17	4.3	5.3				5.3	2.4	9.3			17.1	900
18-20	3.6	6.9				6.9	6.4	15.3			28.7	900
21-23	.8	5.2				5.2	13.1	16.0			34.3	900
ALL HOURS	1.5	5.3				5.3	19.2	15.1			39.6	7200

MONTH: OCT

00-02	.9	6.9				6.9	29.5	6.2			42.6	930
03-05	.9	7.8				7.8	41.0	6.9			55.7	930
06-08	.2	8.7				8.7	49.6	8.8			67.1	930
09-11	.1	6.7				6.7	16.6	8.5			31.7	930
12-14	.3	6.7				6.7	6.7	3.9			17.2	930
15-17	.5	6.7				6.7	6.6	3.5			16.8	930
18-20	.8	6.2				6.2	12.0	5.4			23.7	930
21-23	.8	6.5				6.5	18.3	8.0			32.7	930
ALL HOURS	.6	7.0				7.0	22.5	6.4			35.9	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.7	6.7				6.7	19.7	4.2			30.6	900
03-05	.8	9.4				9.4	27.3	4.6			41.3	900
06-08	.8	10.3				10.3	39.0	5.8			55.1	900
09-11	.9	8.8				8.8	18.8	6.8			34.3	900
12-14	1.2	8.0				8.0	10.0	3.1			21.1	900
15-17	1.3	9.1				9.1	8.8	3.0			20.9	900
18-20	2.2	10.9				10.9	11.8	2.6			25.2	900
21-23	.9	7.1				7.1	15.4	3.2			25.8	900
ALL HOURS	1.1	8.8				8.8	18.8	4.2			31.8	7200

MONTH: DEC

00-02	1.2	13.4	.1	.8		14.3	19.8	1.6			35.7	916
03-05	1.0	10.9	.3	.5		11.8	26.2	1.2			39.2	915
06-08	.9	11.8	.3	.7		12.8	32.7	1.2			46.7	915
09-11	.5	11.9	.1	.7		12.7	19.3	2.1			34.0	914
12-14	.4	11.4		.3		11.7	12.6	1.2			25.5	912
15-17		12.7		.7		13.4	11.8	1.9			27.1	912
18-20	.3	12.9		.9		13.8	14.4	2.5			30.7	912
21-23	.5	12.7		.5		13.3	16.3	2.2			31.8	912
ALL HOURS	.6	12.2	.1	.6		13.0	19.1	1.7			33.9	7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.6	11.9	.4	1.0		13.2	24.6	3.4	.0		41.2	7390
FEB	1.3	12.8	.6	1.4	.0	14.8	20.4	4.0			39.3	6768
MAR	1.3	8.9		.6		9.5	14.9	3.7		.1	28.2	7434
APR	2.3	6.4		.1		6.5	11.2	4.3		.0	22.1	7200
MAY	2.7	6.2			.0	6.2	15.9	10.5			32.6	7440
JUN	3.3	4.6				4.6	15.9	16.9			37.4	7200
JUL	3.0	3.9				3.9	20.8	24.7			49.4	7440
AUG	2.3	3.0				3.0	22.4	34.4			59.8	7440
SEP	1.5	5.3				5.3	19.2	15.1			39.6	7200
OCT	.6	7.0				7.0	22.5	6.4			35.9	7440
NOV	1.1	8.8				8.8	18.8	4.2			31.8	7200
DEC	.6	12.2	.1	.6		13.0	19.1	1.7			33.9	7308
ANNUAL	1.7	7.5	.1	.3	.0	7.9	18.8	10.9	.0	.0	37.6	87460

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4209-4606,5811-9103
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	5.7	46.5	3.3	10.9	.2	51.7	49.0	18.3	.6		67.5	1089
FEB	9.1	45.7	1.3	7.1	.6	48.2	46.9	20.4	.3	.1	66.9	988
MAR	16.7	46.7	.2	2.6	1.4	47.7	41.7	18.0	.1		63.7	1068
APR	19.8	40.5		.3	1.1	40.5	44.1	22.6			63.6	1024
MAY	23.3	42.0			.9	42.0	55.1	37.4			73.9	1058
JUN	29.7	42.3			.6	42.3	57.0	47.2			77.6	996
JUL	38.3	46.2			.4	46.2	61.9	48.5			83.4	1030
AUG	29.7	40.0			.5	40.0	70.9	58.6			86.5	1023
SEP	16.8	39.7			.1	39.7	66.8	49.2			83.1	1020
OCT	5.9	30.4			.1	30.4	60.4	37.5			70.0	1038
NOV	8.2	41.4	.1	1.0	.3	41.5	51.4	29.3			66.6	1049
DEC	6.0	44.9	.9	4.2	.2	46.4	44.4	19.3			63.2	1096
ANNUAL	17.3	42.2	.5	2.2	.5	43.1	54.0	33.6	.1	.0	72.1	12479

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	1.0	1.8	1.8	2.8	1.8	1.6	.8	.3	.6	.9	.7	1.2
03-05	.8	1.5	1.1	1.8	2.2	1.6	1.0	.8	.3	.9	.8	1.0
06-08	.6	.8	1.2	1.7	1.4	2.3	.5	.3	.4	.2	.8	.9
09-11	.1	.9	1.4	1.7	1.6	1.3	1.2	.9	.6	.1	.9	.5
12-14	.3	.8	1.2	2.3	2.7	3.2	3.9	3.8	1.4	.3	1.2	.4
15-17	.5	1.8	.8	3.1	4.1	7.0	8.3	5.2	4.3	.5	1.3	
18-20	.3	1.2	1.6	3.0	5.1	6.0	5.7	4.9	3.6	.8	2.2	.3
21-23	.8	1.8	1.4	2.4	2.7	3.3	2.9	2.2	.8	.8	.9	.5
ALL HOURS	.6	1.3	1.3	2.3	2.7	3.3	3.0	2.3	1.5	.6	1.1	.6
TOTAL OBS	7390	6768	7434	7200	7440	7200	7440	7440	7200	7440	7200	7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 060	061 - 130	131 - 200	201 - 270	271 - 339	NO OF OBS
TSTMS	4.9		9.8	29.3	29.3	17.1	9.8	41
LIQUID PRECIP	12.1		32.5	21.4	20.3	4.5	9.2	846
FREEZING PRECIP	7.4		51.9	29.6			11.1	27
FROZEN PRECIP			42.2	13.3	1.2	2.4	41.0	83
FOG	25.3		28.1	16.1	14.0	3.9	12.5	1803
FOG WITH VIS GE 1/2 MILES	23.5		28.8	16.6	14.5	4.1	12.6	1742
TOTAL OBS	1741	0	1808	730	1317	558	1236	7390

MONTH: FEB HOURS: ALL

TSTMS	4.4		23.3	17.8	34.4	11.1	8.9	90
LIQUID PRECIP	9.9		30.3	25.4	19.6	6.2	8.6	811
FREEZING PRECIP			90.0				10.0	40
FROZEN PRECIP			35.7			16.3	48.0	98
FOG	18.9		32.9	15.3	17.2	4.0	11.6	1360
FOG WITH VIS GE 1/2 MILES	18.4		33.0	15.6	17.4	4.1	11.4	1330
TOTAL OBS	1494	0	1831	739	1248	451	1005	6768

PERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

TATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 060	061 - 130	131 - 200	201 - 270	271 - 339	NO OF OBS
SIMS	6.2		11.3	22.7	23.7	23.7	12.4	97
LIQUID RECIP	7.8		36.8	16.6	20.0	5.4	13.2	589
FREEZING RECIP								
ROZEN RECIP	7.5		27.5				65.0	40
OG	27.6		22.2	13.1	22.0	5.0	10.1	1093
OG WITH VIS E 1/2 MILES	27.1		22.6	13.2	21.8	5.0	10.3	1070
TOTAL OBS	1685	0	1538	780	1842	581	1008	7434

MONTH: APR HOURS: ALL

SIMS	5.9		18.3	25.4	24.9	17.2	8.3	169
LIQUID RECIP	12.5		20.8	23.2	19.9	15.9	7.6	327
FREEZING RECIP								
ROZEN RECIP			50.0				50.0	10
OG	36.6		14.5	15.5	20.1	7.7	5.7	795
OG WITH VIS E 1/2 MILES	35.6		14.8	15.8	20.4	7.7	5.8	779
TOTAL OBS	1939	0	1143	714	1679	778	947	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 060	061 - 130	131 - 200	201 - 270	271 - 339	NO OF OBS
TSTMS	12.9		14.9	15.9	30.3	15.4	10.4	201
LIQUID PRECIP	17.3		15.0	18.7	31.7	9.6	7.6	353
FREEZING PRECIP								
FROZEN PRECIP								
FOG	38.4		12.4	16.7	22.3	4.6	5.5	1111
FOG WITH VIS GE 1/2 MILES	38.3		12.5	16.6	22.4	4.6	5.6	1098
TOTAL OBS	2115	0	1162	966	1900	696	601	7440

MONTH: JUN HOURS: ALL

TSTMS	8.4		16.0	16.5	27.4	19.8	11.8	237
LIQUID PRECIP	15.5		14.5	13.5	30.0	17.0	9.5	200
FREEZING PRECIP								
FROZEN PRECIP								
FOG	53.6		9.3	10.6	16.1	5.2	5.2	1057
FOG WITH VIS GE 1/2 MILES	53.6		9.3	10.5	16.1	5.2	5.2	1055
TOTAL OBS	2435	0	975	808	1563	861	558	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 060	061 - 130	131 - 200	201 - 270	271 - 339	NO OF OBS
TSTMS	11.6		16.4	10.7	23.6	24.0	13.8	225
LIQUID PRECIP	13.8		11.3	14.8	25.6	24.1	10.3	203
FREEZING PRECIP								
FROZEN PRECIP								
FOG	55.8		7.1	12.3	14.5	6.2	4.0	1409
FOG WITH VIS GE 1/2 MILES	55.6		7.1	12.4	14.6	6.2	4.1	1402
TOTAL OBS	2619	0	982	878	1260	994	707	7440

MONTH: AUG HOURS: ALL

TSTMS	11.2		25.9	11.8	17.6	15.3	18.2	170
LIQUID PRECIP	11.1		23.0	29.6	19.3	11.9	5.2	135
FREEZING PRECIP								
FROZEN PRECIP								
FOG	58.2		11.5	12.5	11.5	3.6	2.8	1413
FOG WITH VIS GE 1/2 MILES	57.8		11.5	12.7	11.6	3.6	2.8	1390
TOTAL OBS	2764	0	1312	1012	1043	666	643	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 060	061 - 130	131 - 200	201 - 270	271 - 339	NO OF OBS
TSTMS	12.0		20.4	12.0	25.9	18.5	11.1	108
LIQUID PRECIP	12.8		25.9	22.2	18.1	10.0	10.9	320
FREEZING PRECIP								
FROZEN PRECIP								
FOG	46.5		19.3	15.1	9.6	3.1	6.3	1327
FOG WITH VIS GE 1/2 MILES	45.7		19.6	15.5	9.8	3.1	6.4	1300
TOTAL OBS	2369	0	1571	1182	1081	439	558	7200

MONTH: OCT HOURS: ALL

TSTMS	14.6		17.1	26.8	26.8	12.2	2.4	41
LIQUID PRECIP	12.7		33.1	19.6	20.2	5.3	9.2	490
FREEZING PRECIP								
FROZEN PRECIP								
FOG	44.6		16.9	15.3	14.9	3.0	5.4	1613
FOG WITH VIS GE 1/2 MILES	44.1		16.7	15.4	15.2	3.0	5.4	1581
TOTAL OBS	2677	0	1589	978	1285	372	539	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 060	061 - 130	131 - 200	201 - 270	271 - 339	NO OF OBS
TSTMS	8.9		7.6	24.1	39.2	13.9	6.3	79
LIQUID PRECIP	13.4		20.0	25.9	23.5	4.3	12.9	575
FREEZING PRECIP								
FROZEN PRECIP								
FOG	29.7		15.7	22.0	22.2	3.3	7.2	1313
FOG WITH VIS GE 1/2 MILES	29.0		15.9	22.2	22.3	3.3	7.3	1287
TOTAL OBS	2095	0	1378	946	1631	396	754	7200

MONTH: DEC HOURS: ALL

TSTMS	8.9		6.7	15.6	40.0	17.8	11.1	45
LIQUID PRECIP	11.8		33.0	18.8	21.1	4.2	11.0	861
FREEZING PRECIP				87.5	12.5			8
FROZEN PRECIP	14.9		63.8	2.1	2.1		17.0	47
FOG	23.3		27.3	14.1	22.2	3.2	10.0	1394
FOG WITH VIS GE 1/2 MILES	21.7		28.0	14.4	22.4	3.2	10.3	1359
TOTAL OBS	1780	0	1792	840	1559	399	938	7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	340 - 060	061 - 130	131 - 200	201 - 270	271 - 339	NO OF OBS
TSIMS	9.5		16.9	17.2	26.9	18.0	11.4	1503
LIQUID PRECIP	12.0		27.8	21.1	21.7	7.4	10.1	5710
FREEZING PRECIP	2.7		66.7	20.0	1.3		9.3	75
FROZEN PRECIP	3.6		41.7	4.3	.7	6.5	43.2	278
FOG	38.0		18.6	14.9	16.8	4.2	7.4	15688
FOG WITH VIS GE 1/2 MILES	37.4		18.8	15.1	17.0	4.3	7.4	15393
TOTAL OBS	25713	0	17081	10573	17408	7191	9494	87460

A - 5 - 7

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPP	AA AA	RRRRRRR	TT	BBBBBBBBB
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

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PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4209-4606,5811-9103
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	50.6	53.1	54.3	61.6	59.6	60.3	56.1	62.2	62.7	71.4	60.5	56.0	59.0
TRACE	13.7	12.5	11.0	8.7	10.8	10.8	9.7	10.7	11.0	6.8	9.9	10.5	10.5
.01	2.7	2.4	1.8	2.2	1.8	3.6	2.0	1.9	2.7	1.8	2.3	2.4	2.3
.02-.05	5.8	5.4	5.9	4.2	4.3	3.7	6.3	4.3	4.2	4.5	5.0	3.7	4.8
.06-.10	4.0	2.2	3.5	1.9	2.5	2.8	4.7	4.2	3.8	1.6	2.7	3.7	3.2
.11-.25	6.2	5.7	4.1	3.8	5.8	5.2	5.7	5.1	4.4	3.1	4.6	5.9	5.0
.26-.50	6.3	6.4	6.3	5.3	4.0	5.9	6.4	3.3	3.4	3.1	4.8	5.6	5.1
.51-1.00	5.9	5.7	6.4	6.0	5.7	4.7	5.3	4.6	4.1	3.9	5.1	6.5	5.3
1.01-2.50	3.9	5.5	5.3	5.3	4.8	2.9	3.5	3.3	3.4	3.2	4.6	4.9	4.2
2.51-5.00	.7	.9	1.3	.9	.5	.1	.4	.3	.4	.4	.5	.9	.6
5.01-10.00	.1		.1	.1						.1		.1	.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	35.7	34.4	34.7	29.7	29.6	28.9	34.2	27.1	26.3	21.8	29.5	33.5	30.5
TOTAL NO. OF OBSERVATIONS	1144	1029	1116	1080	1115	1057	1085	1085	1080	1116	1110	1142	13159

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4209-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									2.54	5.18	.70	5.85	14.27*
43	.92	3.77	7.42	3.28	3.13	2.76	1.61	1.60	4.11	.68	3.81	2.86	35.95
44	2.54	7.93	8.33	7.46	3.69	.90	3.62	4.55	.18	.39	3.46	6.48	49.53
45	2.82	9.73	5.75	3.64	3.25	2.40	5.30	2.71	3.82	3.79	3.73	6.04	52.98
46	10.74	5.74*		1.50	7.49	.58*							26.05*
58											3.39	2.25	5.64*
59	3.54	4.39	3.64	5.30	4.92	3.43	2.45	2.25	2.27	5.30	3.17	3.95	44.61
60	6.40	3.12	8.20	3.12	4.49	2.93	2.51	4.78	1.69	4.05	3.75	3.23	48.27
61	1.64	8.96	10.40	3.87	2.60	5.22	11.20	1.31	.91	1.84	10.70	13.81	72.46
62	7.42	4.53	3.47	6.90	1.38	4.08	4.52	2.58	2.36	2.40	2.76	2.70	45.10
63	4.14	1.53	3.49	4.10	7.44	3.42	9.40	3.48	2.18	TRACE	5.96	6.10	51.24
64	4.84	3.13	7.54	13.09	2.62	2.05	2.70	3.47	3.63	1.95	3.52	5.01	53.55
65	2.40	6.93	6.31	3.53	1.55	2.07	6.44	2.08	3.65	1.45	.79	1.18	38.38
66	5.59	6.01	1.70	9.90	2.34	2.05	4.61	2.64	5.10	1.71	1.52	3.73	46.90
67	1.94	5.62	2.28	3.21	4.67	3.18	9.47	3.58	1.81	4.20	3.91	14.58	58.45
68	7.36	2.41	4.66	4.88	8.10	1.73	10.12	2.46	3.76	2.26	4.96	6.32	59.02
69	3.36	4.09	4.96	8.95	5.66	2.78	5.35	3.97	2.63	3.98	3.14	13.74	62.61
70	2.57	3.49	9.84	9.43	6.66	3.39	3.24	9.27	1.68	5.24	2.21	4.10	61.12
71	3.49	8.88	6.43	5.07	5.43	4.69	6.39	4.48	4.13	2.61	1.05	7.21	59.86
72	8.90	1.43	4.54	2.92	3.95	2.54	2.01	2.13	5.23	3.07	6.04	5.17	47.93
73	8.97	4.52	12.34	6.99	4.93	2.47	3.89	5.20	4.31	2.64	9.56	6.92	72.74
74	13.03	5.49	4.26	8.24	8.67	4.66	1.74	7.91	3.25	1.43	4.81	7.70	71.19
75	5.98	7.34	10.40	3.87	4.92	5.26	5.45	5.60	4.30	6.71	4.25	3.92	68.00
76	3.20	4.25	10.92	1.32	11.20	3.25	3.88	5.10	4.16	3.48	3.42	5.28	59.46
77	5.88	3.13	9.60	11.80	2.68	.38	5.37	.81	10.87	7.81	7.47	1.64	67.44
78	3.75	2.09	4.18	1.33	12.71	3.57	3.04	3.04	2.17	.53	3.53	9.30	49.24
79	8.46	6.88	7.88	11.29	6.04	1.56	7.39	6.86	9.71	3.61	7.07	2.45	79.20
80	5.77	2.14	16.20	9.97	9.57	3.32	.63	3.42	3.58	4.68	5.75	1.12	66.15
81	1.63	3.49	6.95	2.69	3.81	4.08	1.50	2.31	1.85	4.28	3.42	3.47	39.48
82	11.42	4.64	1.66	10.82	2.07	5.72	5.51	2.17	.88	4.47	7.41	8.62	65.39
83	5.05	10.02	7.93	12.50	11.09	5.35	1.29	.74	4.09	2.35	6.03	13.26	79.70
84	4.21	4.43	5.19	8.98	4.63	4.16	1.90	3.38	1.02	8.42	6.35	2.37	55.04
85	3.96	3.88	1.59	4.08	3.16	4.90	3.88	5.13	5.69	7.39	1.29	2.12	47.07

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4209-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.83	1.78	4.23	.78	3.60	2.38	1.74	3.97	3.08	4.76	6.68	3.35	37.18
87	4.98	7.35	3.64	.64	2.95	6.76	2.07	4.12	2.01	.26	4.87	4.52	44.17
88	2.64	5.41	3.23	3.88	2.98	1.45	3.09	3.86	8.58	7.06	8.14	3.87	54.19
89	9.16	7.38	5.19	3.16	6.00	6.38	6.91	3.77	8.60	.20	5.23	4.92	66.90
90	8.41	8.23	6.86	2.38	6.66	2.33	4.61	1.48	1.89	1.70	4.91	15.38	64.84
91	2.68	9.46	7.46										19.60*
LEAST	.83	1.43	1.59	.64	1.38	.38	.63	.74	.18	TRACE	.70	1.12	35.95
GREATEST	13.03	10.02	16.20	13.09	12.71	6.76	11.20	9.27	10.87	8.42	10.70	15.38	79.70
MEAN	5.15	5.22	6.35	5.69	5.19	3.36	4.42	3.61	3.66	3.38	4.56	5.80	56.44
MEDIAN	4.21	4.53	6.03	4.09	4.65	3.25	3.88	3.47	3.42	3.28	3.91	4.92	55.04
SD	3.076	2.509	3.270	3.639	2.830	1.532	2.692	1.882	2.468	2.275	2.348	3.899	11.876
TOTAL OBS	1144	1029	1116	1080	1115	1057	1085	1085	1080	1116	1110	1142	13159

THE GREATEST VALUE OF 16.20 OCCURRED ON 03/80

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4209-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									1.87	1.28	.45	2.39	2.39*
43	.34	1.67	2.72	1.00	.93	2.03	.50	.95	1.63	.66	2.03	1.47	2.72
44	1.39	1.06	2.96	2.22	1.70	.64	.76	2.14	.08	.39	.97	2.37	2.96
45	1.05	2.65	2.66	1.12	.83	1.57	1.83	1.04	1.49	1.47	.92	1.29	2.66
46	3.14	3.64*		.48	2.57	.58*							3.64*
58											2.07	.77	2.07*
59	1.34	1.86	1.11	1.72	2.17	.98	1.80	.74	.66	2.53	1.27	1.34	2.53
60	2.01	.81	3.11	.79	1.84	1.68	1.16	2.30	.94	1.28	2.13	1.10	3.11
61	.64	4.32	2.18	.93	.76	2.24	2.39	.73	.32	1.48	3.68	3.06	4.32
62	1.75	1.28	1.38	1.63	1.12	1.18	1.49	2.01	1.34	2.12	1.09	.74	2.12
63	.89	.65	1.18	1.17	3.14	1.13	2.62	1.90	1.79	TRACE	2.91	2.84	3.14
64	3.00	.82	1.65	2.10	1.35	1.58	.53	1.53	1.58	1.16	1.47	1.87	3.00
65	.90	2.22	1.16	.61	.60	.48	1.85	.87	1.92	1.34	.21	.31	2.22
66	1.63	1.88	.45	2.63	1.01	.63	2.74	.89	2.55	.90	.55	1.31	2.74
67	.69	1.59	1.14	2.00	.97	1.25	3.53	.67	.76	2.08	1.12	2.61	3.53
68	3.04	1.36	1.66	.92	2.04	.66	4.76	.72	.97	.86	1.40	2.36	4.76
69	1.20	1.29	1.79	2.15	1.89	.92	1.57	1.79	1.28	1.99	1.76	3.89	3.89
70	.93	1.42	6.07	3.26	1.74	1.66	1.43	2.71	.54	1.40	.86	.88	6.07
71	.91	2.39	1.05	1.75	3.13	3.33	1.37	1.22	1.90	1.60	.36	1.45	3.33
72	2.06	.52	.90	.88	1.71	1.26	.69	1.42	2.80	1.44	1.73	1.33	2.80
73	2.61	2.22	3.21	2.40	1.32	.99	1.03	1.90	1.61	1.58	2.69	2.38	3.21
74	2.19	1.38	1.38	3.68	2.41	1.06	.77	1.95	.82	1.29	1.03	1.42	3.68
75	2.69	1.97	4.82	.87	2.48	1.29	1.74	1.08	1.04	4.41	.93	1.82	4.82
76	1.09	1.83	2.00	.78	2.23	1.21	1.30	1.50	1.74	.78	1.67	1.57	2.23
77	2.38	1.90	2.95	3.40	1.62	.15	.97	.56	2.07	5.16	1.94	.46	5.16
78	1.06	1.21	1.50	.52	4.05	1.10	2.01	1.02	1.32	.51	1.10	2.09	4.05
79	2.94	2.85	4.56	5.76	1.50	.96	1.24	2.76	4.60	1.53	2.66	.65	5.76
80	1.78	.99	3.06	2.62	2.35	1.28	.33	1.03	1.51	1.57	1.21	.94	3.06
81	.98	1.81	2.68	1.13	1.47	1.23	.78	1.05	.73	1.03	.91	1.13	2.68
82	6.65	1.58	1.27	2.83	.58	2.01	1.36	.99	.39	1.46	2.12	2.36	6.65
83	1.67	2.94	4.76	2.54	2.86	1.50	.44	.36	2.27	.90	1.48	3.19	4.76
84	1.77	1.47	1.06	2.08	1.53	2.43	.90	1.43	.52	3.15	3.09	1.47	3.15
85	.92	1.40	.65	1.17	1.45	1.70	1.27	1.86	2.24	1.76	1.00	1.21	2.24

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4209-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.49	.96	2.56	.49	.76	.68	.60	1.39	1.45	1.85	1.57	1.42	2.56
87	2.65	1.85	1.32	.24	.86	1.52	.62	1.89	1.03	.16	1.41	1.00	2.65
88	.99	2.62	.80	1.08	1.00	1.16	1.36	2.60	2.12	2.58	2.50	1.40	2.62
89	2.76	2.79	2.20	2.29	1.96	1.32	1.77	.81	2.96	.08	2.53	2.06	2.96
90	1.60	1.53	2.23	.41	2.15	1.11	1.66	1.26	.76	1.28	2.47	5.95	5.95
91	.55	3.77	2.21										3.77*
.....													
GREATEST	6.65	4.32	6.07	5.76	4.05	3.33	4.76	2.76	4.60	5.16	3.68	5.95	6.65
.....													
TOTAL OBS	1144	1029	1116	1080	1115	1057	1085	1085	1080	1116	1110	1142	13159

THE GREATEST VALUE OF 6.65 OCCURRED ON 01/03/82

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	88.4	92.4	97.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	98.9	95.3	97.6
TRACE	8.7	6.3	2.2	.1							.7	4.0	1.9
0.1-0.4	1.5	.8	.3	.1							.2	.4	.3
0.5-1.4	.7	.1	.2	.1							.2	.1	.1
1.5-2.4	.2	.1											.0
2.5-3.4	.2		.1										.0
3.5-4.4	.1	.1											.0
4.5-6.4	.1												.0
6.5-10.4	.1	.1										.2	.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	2.8	1.3	.6	.2							.4	.7	.5
TOTAL NO. OF OBSERVATIONS	1054	945	1023	990	1022	967	992	992	960	992	990	1021	11948

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42			*	*	*	*	*	*	*	*	*	*	.0*
43	*	*	*	*	*	*	*	*	*	*	*	TRACE*	TRACE*
44	TRACE*	*	*	*	*	*	*	*	*	*	*	TRACE*	TRACE*
45	*	TRACE*	*	*	*	*	*	*	*	*	*	*	TRACE*
46	TRACE	.0*		.0	.0	.0*							TRACE*
58											.0	8.0	8.0*
59	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
60	TRACE	11.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	11.0
61	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	7.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.4
63	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.3
64	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
65	.4	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
66	6.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	TRACE	7.0
67	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	3.4	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
71	.8	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.3
72	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	3.6
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	TRACE	.4
77	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5
78	6.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.5
79	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
80	TRACE	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
81	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
83	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
84	.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
85	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.9

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
87	TRACE	.0	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	1.5
88	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
89	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
91	.0	TRACE	.0										TRACE*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
GREATEST	7.4	11.0	3.8	1.5	.0	.0	.0	.0	.0	.0	1.0	8.0	11.0
MEAN	1.0	.5	.2	TRACE	.0	.0	.0	.0	.0	.0	.1	.5	2.1
MEDIAN	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
SD	2.018	1.978	.685	.261	.000	.000	.000	.000	.000	.000	.209	1.843	2.994
TOTAL OBS	1054	945	1023	990	1022	967	992	992	960	992	990	1021	11948

THE GREATEST VALUE OF 11.0 OCCURRED ON 02/60

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42			*	*	*	*	*	*	*	*	*	*	*
43	*	*	*	*	*	*	*	*	*	*	*	TRACE*	TRACE*
44	TRACE*	*	*	*	*	*	*	*	*	*	*	TRACE*	TRACE*
45	*	TRACE*	*	*	*	*	*	*	*	*	*	*	TRACE*
46	TRACE	.0*		.0	.0	.0*							TRACE*
58											.0	7.0	7.0*
59	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
60	TRACE	7.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0
61	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	7.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.3
63	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.5
64	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
65	.4	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
66	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	TRACE	4.2
67	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
71	.6	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.6
72	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	TRACE	2.6
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	TRACE	.4
77	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
78	5.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.2
79	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
80	TRACE	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
81	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	1.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6
83	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
84	.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
85	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.5

B - 3 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
87	TRACE	.0	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2
88	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
89	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
91	.0	TRACE	.0										TRACE*

GREATEST	7.3	7.0	3.0	1.2	.0	.0	.0	.0	.0	.0	.7	7.0	7.3
TOTAL OBS	1054	945	1023	990	1022	967	992	992	960	992	990	1021	11948

THE GREATEST VALUE OF 7.3 OCCURRED ON 01/09/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606 5811-9103
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	94.7	97.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	99.8	98.4	99.2
TRACE	3.7	1.9	.1								.2	1.1	.6
1	.4		.2	.1								.3	.1
2	.7	.1		.1									.1
3	.2											.1	.0
4-6	.2	.2										.2	.0
7-12	.2	.1											.0
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	1.7	.4	.2	.2								.5	.2
TOTAL NO. OF OBSERVATIONS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42			TRACE	0	0	0	0	0	0	0	0	0	TRACE*
43	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
44	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
45	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
46	0	0*		0	0	0*							0*
58											0	4	4*
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
60	0	8	0	0	0	0	0	0	0	0	0	0	8
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	7	0	0	0	0	0	0	0	0	0	0	0	7
63	TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
64	7	0	0	0	0	0	0	0	0	0	0	0	7
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	2	0	0	0	0	0	0	0	0	0	0	0	2
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	TRACE	0	1	0	0	0	0	0	0	0	0	0	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
72	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
73	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	TRACE	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
76	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
77	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
78	5	TRACE	0	0	0	0	0	0	0	0	0	0	5
79	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
80	0	TRACE	1	0	0	0	0	0	0	0	0	0	1
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	3	0	0	0	0	0	0	0	0	0	0	0	3
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
85	1	TRACE	0	0	0	0	0	0	0	0	0	0	1

B - 4 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	2	0	0	0	0	0	0	0	0	2
88	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
89	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
90	0	0	0	0	0	0	0	0	0	0	0	0	0
91	0	0	0										0*
GR. LATEST	7	8*	1	2	0	0*	0	0	0	0	TRACE	4	8*
TOTAL OBS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

THE GREATEST VALUE OF 8 OCCURRED ON 02/13/60

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS

PERIOD OF RECORD: 4203-4606,5811-9103

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
43 - 44	DEC 14			JAN 15		
44 - 45	DEC 11			FEB 02		
45 - 46	JAN 29			JAN 29		
58 - 59	DEC 12	DEC 12	DEC 12	JAN 18	JAN 18	DEC 17
59 - 60	DEC 06	FEB 12	FEB 13	MAR 14	FEB 13	FEB 16
60 - 61	DEC 21			FEB 25		
61 - 62	JAN 01	JAN 07	JAN 10	MAR 05	JAN 09	JAN 13
62 - 63	DEC 24	JAN 23		FEB 26	JAN 23	
63 - 64	DEC 13	DEC 14	JAN 01	JAN 16	JAN 01	JAN 01
64 - 65	DEC 17	JAN 30		MAR 06	MAR 05	
65 - 66	JAN 18	JAN 25	JAN 29	FEB 02	JAN 29	JAN 31
66 - 67	NOV 02	NOV 02		MAR 07	NOV 02	
67 - 68	NOV 28	FEB 21	MAR 23	MAR 23	MAR 23	MAR 23
68 - 69	JAN 26			MAR 03		
69 - 70	NOV 14	FEB 02		FEB 09	FEB 02	
70 - 71	JAN 07	JAN 07	JAN 08	APR 06	MAR 03	JAN 08
71 - 72	NOV 22			FEB 03		
72 - 73	JAN 09			JAN 29		
73 - 74	DEC 16	DEC 20		MAR 24	DEC 20	
74 - 75	NOV 14	JAN 12		MAR 14	JAN 12	
75 - 76	NOV 22	NOV 22		JAN 08	NOV 23	
76 - 77	NOV 13	NOV 28	JAN 18	FEB 17	JAN 18	JAN 20
77 - 78	DEC 06	JAN 14	JAN 20	MAR 10	JAN 26	JAN 22
78 - 79	DEC 09	JAN 21		FEB 25	FEB 06	
79 - 80	JAN 31	FEB 10	MAR 02	MAR 02	MAR 02	MAR 02
80 - 81	FEB 02			FEB 11		
81 - 82	DEC 18	JAN 12	JAN 13	FEB 11	JAN 14	JAN 15
82 - 83	DEC 11			MAR 24		
83 - 84	DEC 16	JAN 15		MAR 10	FEB 28	
84 - 85	DEC 04	JAN 03	JAN 20	FEB 12	FEB 11	JAN 20
85 - 86	DEC 13			FEB 11		

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS

PERIOD OF RECORD: 4203-4606,5811-9103

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	DEC 12	APR 02	APR 02	APR 03	APR 03	APR 03
87 - 88	JAN 06	FEB 11		FEB 11	FEB 11	
88 - 89	JAN 09			MAR 07		
89 - 90	DEC 09	DEC 09		DEC 18	DEC 09	
90 - 91	DEC 23			FEB 25		

MEDIAN-DATE	DEC 13	JAN 13	JAN 20	FEB 25	JAN 27	JAN 20
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PPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4601-4602,5812-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46	S *43	W *33											S *43
58												ESE*23	ESE*23
59	W 42	WNW 28	N 33	WSW 30	S 38	W 46	NNW 28	W 28	W 31	N 21	NNW 30	N 26	W 46
60	N 28	SW 34	S 32	S 25	W 47	N 26	NNE 42	ESE 32	SE 31	W 25	NNW 23	NNW 33	W 47
61	NW 35	W 37	WNW 51	W 38	S 29	NNE 30	S 71	E *27	SSE 28	N *26	S *30	NNE*24	S *71
62	S *31	SSW 38	W 43	SSE 47	WNW 28	WNW 31	NNW 30	NNW 20	S 21	NNW 21	W 22	WNW 24	SSE*47
63	NW 28	SSE 35	S 51	SSW 38	NNW 43	N 27	WNW 31	W 44	WNW 40	N 22	N 32	W 33	S 51
64	W 47	WSW 36	WSW 42	SE 33	SSW 22	E 27	N 36	ESE 30	NNE 27	NNE 35	WSW 40	SSE 42	W 47
65	NNW 34	W 38	W 43	WNW 30	S 35	NW 26	W 40	NNW 29	SSE 34	ESE 24	WNW 54	SSE 34	WNW 54
66	WNW 35	SSE 51	W 36	N 34	NW 29	NNW 38	N *28	W 24	NW 26	W 23	NW 35	W 33	SSE*51
67	NW 29	SSW 33	SSW 29	W 51	WNW 36	SW 27	E 32	SW 21	WNW 26	NW 43	SW 23	SSW 33	W 51
68	N 25	S 26	NW 26	S 30	SSE 29	NW 36	13/ 30	18/ 30	32/ 21	32/ 25	18/ 40	26/ 40	18/ 40
69	19/ 30	16/ 30	12/ 40	13/ 38	28/ 25	33/ 49	10/ 38	32/ 34	34/ 46	34/ 26	31/ 38	13/ 35	33/ 49
70	36/ 31	12/ 46	27/ 45	29/ 46	06/ 42	33/ 38	20/ 29	18/ 41	18/ 34	23/ 36	18/ 29	33/ 34	12/ 46
71	30/ 28	26/ 38	30/ 34	32/ 28	18/ 28	27/ 40	36/ 47	35/*41	17/ 30	35/ 20	35/ 23	17/ 24	36/*47
72	33/ 32	29/*26	31/*40	23/ 30	05/ 28	01/ 29	32/ 46	16/ 40	34/*26	09/ 25	17/ 26	15/ 33	32/*46
73	27/ 29	36/ 28	30/ 48	14/ 39	19/ 43	30/ 24	03/ 26	32/*28	17/*29	31/ 42	26/ 28	24/ 40	30/*48
74	34/ 34	26/ 42	09/ 35	16/ 35	25/ 34	27/ 33	36/ 33	33/ 31	30/ 30	16/ 22	32/ 27	13/ 29	26/ 42
75	19/ 54	16/ 33	33/ 70	18/ 36	12/ 29	28/ 32	01/ 37	27/ 54	24/ 46	04/ 29	14/ 32	23/ 26	33/ 70
76	35/ 31	30/ 41	24/ 52	02/ 42	18/ 28	35/*23	*	*	08/*22	13/ 37	*	36/*31	24/*52
77	28/ 37	28/ 33	26/ 58	27/ 31	36/ 34	32/ 42	10/ 37	10/ 24	23/ 35	23/ 22	29/ 30	32/ 37	26/ 58
78	31/ 44	26/ 30	17/ 50	28/ 30	23/ 56	30/ 30	29/ 45	31/ 46	19/ 22	25/ 26	25/ 29	31/ 34	23/ 56
79	29/ 38	30/ 35	14/ 40	15/ 37	33/ 27	19/ 26	15/ 38	12/ 33	03/ 36	16/ 34	35/ 28	24/ 28	14/ 40
80	14/ 26	30/ 33	29/ 38	29/ 28	30/ 50	35/ 30	12/ 26	06/ 42	36/ 31	16/ 31	24/ 23	31/ 25	30/ 50
81	34/ 23	16/ 32	26/ 33	19/ 27	29/ 47	20/ 30	02/ 35	30/ 33	31/ 20	34/ 23	30/ 25	18/ 26	29/ 47
82	26/ 46	28/ 27	35/ 31	17/ 38	26/ 42	05/ 48	02/ 50	29/ 23	04/*26	30/ 34	15/ 35	13/ 33	02/*50
83	34/ 33	09/ 31	26/ 35	14/ 41	18/ 30	33/ 50	06/ 31	15/ 32	18/*19	14/ 23	23/ 40	32/ 33	33/*50
84	36/ 35	25/ 39	28/ 46	33/ 34	02/ 42	27/ 58	27/ 34	26/ 28	14/ 24	32/ 32	01/ 34	31/ 28	27/ 58
85	32/ 30	27/ 36	31/ 30	27/ 44	30/ 45	34/ 36	04/ 33	02/ 46	30/ 20	07/ 30	34/ 24	31/ 53	31/ 53
86	34/ 30	24/ 32	27/*30	25/ 40	23/ 35	20/ 32	24/ 39	31/ 42	13/ 22	14/ 20	22/ 27	36/ 19	31/*42
87	31/ 32	07/ 32	10/ 33	32/ 28	13/ 35	02/ 40	28/ 27	15/ 29	31/ 22	30/ 23	13/ 36	26/ 35	02/ 40
88	23/ 28	31/ 28	16/ 33	33/ 32	23/ 38	35/ 40	33/ 29	13/ 20	11/ 23	12/ 20	26/ 40	31/ 38	35/ 40
89	32/ 38	31/ 35	27/ 38	27/ 52	14/ 55	27/ 32	02/ 24	35/ 35	34/ 26	34/ 25	33/ 33	22/ 28	14/ 55
90	17/ 32	31/ 44	17/ 30	16/ 42	29/ 42	11/ 30	33/ 31	04/ 56	20/ 45	31/ 32	30/ 36	30/ 37	04/ 56

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4601-4602,5812-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
91	35/ 30	33/ 47	35/ 30										33/*47

GREATEST	19/ 54	8SE 51	33/ 70	27/ 52	23/ 56	27/ 58	S 71	04/ 56	34/ 46	NW 43	WNW 54	31/ 53	S 71
TOTAL OBS	1032	925	1000	958	991	952	949	941	897	985	910	988	11528

THE PEAK WIND OF 71 FROM S OCCURRED ON 07/01/61

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

C - 2 - 1B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4601-4602,5812-9103
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.4	12.4	31.4	25.0	17.3	8.1	3.8	1.0	.5	.1	.0	16.7	15.0	1032
FEB	.1	9.3	27.8	26.5	19.2	9.3	5.2	1.7	.8	.1	.0	17.9	17.0	925
MAR	.0	5.2	22.9	25.9	24.3	11.9	6.7	1.2	1.3	.5	.1	19.5	18.0	1000
APR	.0	6.9	23.7	30.4	22.1	10.4	3.4	1.8	1.0	.2	.0	18.4	18.0	958
MAY	.1	8.8	33.8	31.8	14.3	7.3	1.7	1.0	.9	.3	.0	16.7	16.0	991
JUN	.0	13.3	42.0	25.3	10.4	5.1	2.0	.8	.7	.2	.0	15.3	14.0	952
JUL	.0	15.0	39.9	22.4	11.9	5.1	3.2	1.5	.8	.1	.1	15.7	14.0	949
AUG	.3	19.9	40.7	21.6	9.7	4.6	1.8	.4	.9	.2	.0	14.4	13.0	941
SEP	.4	16.3	46.4	23.4	8.6	2.8	1.4	.2	.4	.0	.0	14.1	13.0	897
OCT	.8	16.5	42.5	24.5	11.5	2.4	1.2	.3	.2	.0	.0	14.1	13.0	985
NOV	.3	14.4	33.3	26.5	16.4	5.5	2.3	.8	.4	.1	.0	15.8	15.0	910
DEC	1.3	15.0	30.0	24.9	17.2	6.5	4.3	.5	.3	.1	.0	16.2	15.0	988
ANNUAL	.3	12.7	34.4	25.7	15.3	6.6	3.1	.9	.7	.2	.0	16.2	15.0	11528

C - 3 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	5.5	5.5	1.8	.5								13.4	6.2	5.5
020-040	1.7	1.4	.1									3.3	4.8	4.0
050-070	1.2	.4	.1									1.7	4.4	4.0
E) 080-100	1.3	.9										2.2	4.5	4.0
110-130	4.4	1.5	.3									6.3	4.1	4.0
140-160	3.3	2.5	.9	.1								6.7	5.4	5.0
S) 170-190	2.4	3.6	1.1		.1							7.2	6.3	6.0
200-220	1.8	.9										2.7	3.8	3.0
230-250	1.2	.5	.1									1.8	4.4	3.0
W) 260-280	1.4	.9	.2	.1								2.6	5.5	4.0
290-310	3.3	1.7	.9									5.9	5.3	4.0
320-340	3.7	4.9	1.6	.8								11.0	6.8	6.0
VARIABLE														
CALM	////////////////////											35.2	////////	
TOTALS	31.2	24.7	7.1	1.5	.1							100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 922

C - 4 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	6.7	1.9	.2								14.6	6.0	6.0
020-040	2.5	1.2	.5	.1								4.3	4.8	4.0
050-070	.9	.4	.1									1.4	4.5	4.0
(E) 080-100	1.7	1.2	.4									3.4	5.3	4.0
110-130	5.0	1.5	.1									6.6	3.3	3.0
140-160	2.6	2.3	.5	.1								5.5	5.3	5.0
(S) 170-190	2.1	2.7	.6									5.4	5.7	6.0
200-220	2.1	.9	.2									3.1	4.1	3.0
230-250	1.8	.5	.2	.1								2.7	4.4	3.0
(W) 260-280	1.3	1.2	.1		.1							2.7	5.8	5.0
290-310	3.5	1.6	.4									5.5	4.4	4.0
320-340	4.4	2.5	2.3	.2	.1							9.5	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											35.2	////////	
TOTALS	33.6	22.7	7.3	.7	.2							100.0	3.4	4.0
TOTAL NUMBER OF OBSERVATIONS 924														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.4	6.0	3.1	.4								15.9	6.2	5.0
020-040	1.8	1.3	.2									3.4	4.6	4.0
050-070	1.8	.5										2.4	3.6	3.0
(E) 080-100	1.5	1.2	.2									2.9	4.9	4.0
110-130	5.4	2.2	.3									7.9	4.0	3.0
140-160	4.8	2.7	1.0	.1								8.5	5.1	4.0
(S) 170-190	2.6	2.6	.3									5.5	5.2	5.0
200-220	1.2	.8	.1									2.1	4.3	4.0
230-250	1.9	.1	.1									2.2	3.3	3.0
(W) 260-280	1.2	.5	.5	.2								2.5	6.4	5.0
290-310	2.6	1.7	1.1	.2								5.6	6.3	5.5
320-340	3.1	3.7	1.4	.3								8.5	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////											32.6	////////////////////////////////	
TOTALS	34.3	23.3	8.3	1.2								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	6.5	3.7	1.0								15.2	7.5	7.0
020-040	2.5	2.8	.3									5.6	5.3	5.0
050-070	2.5	1.7	.1									4.3	4.4	4.0
(E) 080-100	2.1	1.1	.1									3.2	4.3	4.0
110-130	2.5	3.2	.6									6.4	5.5	5.0
140-160	4.5	4.7	1.8	.1								11.1	5.9	5.0
(S) 170-190	2.4	5.2	2.5	.1								10.2	7.0	7.0
200-220	2.3	3.5	.2									6.0	5.3	6.0
230-250	1.6	1.9	.8	.1								4.4	5.9	5.0
(W) 260-280	1.6	1.5	1.7	.2								5.1	7.4	7.0
290-310	2.4	2.8	1.5	.6								7.4	7.1	6.0
320-340	2.7	4.4	2.7	.8								10.6	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											10.5	////////	
TOTALS	31.1	39.3	16.0	2.9								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 924

C - 4 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	5.2	4.0	.3	.1							14.7	6.8	6.0
020-040	2.4	1.3	.5									4.2	5.0	4.0
050-070	1.9	1.1	.1									3.1	4.0	4.0
(E) 080-100	1.2	.6										1.8	4.1	4.0
110-130	1.9	2.6	.5									5.1	5.6	6.0
140-160	1.9	4.7	1.9	.1								8.7	7.3	8.0
(S) 170-190	2.4	4.7	2.6	.2								9.8	7.4	7.0
200-220	3.1	3.7	.8									7.6	5.6	5.0
230-250	2.2	1.4	1.6									5.2	6.3	5.0
(W) 260-280	1.5	2.1	2.6	.3								6.5	7.9	8.0
290-310	2.6	5.1	3.8	.9								12.3	8.2	8.0
320-340	2.9	5.8	3.5	1.3	.3							13.9	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	29.1	38.3	21.9	3.1	.4							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	5.5	2.1	.2	.1							13.7	6.2	6.0
020-040	1.3	1.6	.1									3.0	5.1	5.0
050-070	1.8	.8										2.6	3.9	4.0
(E) 080-100	1.6	1.1										2.7	4.4	4.0
110-130	2.2	2.5										4.7	4.7	5.0
140-160	2.6	4.3	2.5	.1								9.5	7.0	7.0
(S) 170-190	3.8	4.5	1.5	.1								10.0	6.1	6.0
200-220	1.8	1.5	.3	.1								3.8	5.4	5.0
230-250	2.8	1.8	.2	.1								5.0	4.5	4.0
(W) 260-280	3.1	2.3	1.0	.2								6.6	5.9	5.0
290-310	2.9	4.7	3.7	.5								11.8	7.7	8.0
320-340	6.4	6.3	4.2	.5	.1							17.5	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											9.1	////////	
TOTALS	36.1	36.9	15.6	1.8	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	6.2	1.8	.2	.1							14.1	6.0	6.0
020-040	1.3	1.4										2.7	4.8	5.0
050-070	.9	.6										1.5	4.1	4.0
(E) 080-100	2.3	.8	.1									3.1	3.6	3.0
110-130	6.1	1.4	.2									7.7	3.5	3.0
140-160	5.1	4.3	1.5									10.9	5.5	5.0
(S) 170-190	3.4	1.8	.3	.2								5.7	4.8	3.0
200-220	.8											.8	2.3	2.0
230-250	1.5	.2	.1									1.8	3.2	3.0
(W) 260-280	2.4	1.1	.2									3.7	4.1	4.0
290-310	3.6	3.1	1.5	.2								8.4	6.0	5.0
320-340	4.7	4.7	2.3	.2	.1							11.9	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											27.6	////////	
TOTALS	37.8	25.6	8.0	.8	.2							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	6.8	2.7	.1	.2							15.5	6.4	6.0
020-040	1.7	1.3	.1									3.1	4.9	4.0
050-070	1.9	.4	.1									2.5	3.7	3.0
(E) 080-100	1.2	.6										1.8	3.9	4.0
110-130	5.2	1.8	.1	.1								7.3	3.9	4.0
140-160	4.5	3.4	1.0	.2								9.1	5.3	4.5
(S) 170-190	2.2	3.1	.8	.6								6.7	7.0	6.0
200-220	2.1	.5	.1	.1								2.8	3.9	3.0
230-250	1.0	.4	.3									1.7	5.3	3.0
(W) 260-280	1.3	.2										1.5	3.1	3.0
290-310	3.1	2.3	.5									6.0	5.2	4.0
320-340	4.0	3.5	2.2	.6	.4							10.7	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											31.3	////////	
TOTALS	33.8	24.3	7.9	1.7	.6							100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
 LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
 MONTH: JAN HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	END	WIND	
(N)	350-010	5.5	6.0	2.7	.4	.1							14.6	6.4	6.0
	020-040	1.9	1.5	.2	.0								3.7	4.9	4.0
	050-070	1.6	.8	.1									2.4	4.1	4.0
(E)	080-100	1.6	.9	.1									2.7	4.4	4.0
	110-130	4.1	2.1	.3	.0								6.5	4.2	4.0
	140-160	3.7	3.6	1.4	.1								8.8	5.9	5.0
(S)	170-190	2.6	3.5	1.2	.2	.0							7.6	6.3	6.0
	200-220	1.9	1.5	.2	.0								3.6	4.8	4.0
	230-250	1.8	.9	.4	.0								3.1	5.0	4.0
(W)	260-280	1.7	1.2	.8	.1	.0							3.9	6.2	5.0
	290-310	3.0	2.9	1.7	.3								7.9	6.6	6.0
	320-340	4.0	4.5	2.5	.6	.1							11.7	7.1	6.0
VARIABLE															
CALM		////////////////////////////////////										23.6	////////		
TOTALS		33.4	29.4	11.6	1.7	.2							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 7390

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	7.1	8.3	2.9	.5	.1							18.8	6.2	6.0
020-040	3.2	2.3	.2	.1							5.8	4.7	4.0	
050-070	2.9	1.2	.1							4.1	4.0	4.0		
(E) 080-100	2.0	2.6	.5							5.0	5.6	5.0		
110-130	2.8	6.0	.8							9.6	5.9	6.0		
140-160	2.4	4.3	2.5	.3							9.5	7.6	8.0	
(S) 170-190	2.3	2.6	1.4	.3							6.5	6.9	6.0	
200-220	1.4	1.1							2.4	4.7	4.0			
230-250	1.1	.5	.2	.1							1.7	4.7	3.0	
(W) 260-280	.8	.5	.2	.1							1.7	5.5	4.5	
290-310	3.2	3.1	1.8	.5							8.5	6.8	6.0	
320-340	5.2	6.2	3.0	.5	.1							14.9	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											11.4	////////////////////////////////	
TOTALS	34.4	38.7	13.6	2.4	.2							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 1329

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	7.7	1.5	.2								15.4	5.7	5.5
020-040	2.8	.7	.1									3.7	3.5	3.0
050-070	1.5	.5	.1									2.1	4.1	4.0
(E) 080-100	1.3	1.2	.4									2.8	5.1	5.0
110-130	4.3	1.5	.9	.2								7.0	4.9	4.0
140-160	3.7	3.2	.8	.1								7.8	5.4	5.0
(S) 170-190	1.8	4.7	1.5									8.0	6.4	6.0
200-220	2.0	1.5	.9									4.5	5.9	5.0
230-250	.4	.4										.7	4.5	4.5
(W) 260-280	.6	1.1	.5	.2								2.4	7.4	7.0
290-310	.9	2.0	.7	.2								3.9	7.1	6.0
320-340	3.1	3.1	1.3	.1	.2							7.8	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											33.9	////////	
TOTALS	28.3	27.6	8.7	1.0	.2							100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.4	7.4	2.4	.1								17.4	5.7	5.0
020-040	4.1	.9	.1									5.2	3.5	3.0
050-070	1.5	.4	.1									2.0	3.9	3.0
(E) 080-100	1.5	.9	.2									2.7	4.6	4.0
110-130	3.7	1.9	.2									5.8	4.1	3.0
140-160	3.2	2.8	.9									7.0	5.5	5.0
(S) 170-190	2.2	4.8	1.3									8.4	6.4	7.0
200-220	1.9	1.7	.1									3.7	4.7	4.0
230-250	.7	.7	.1									1.5	4.9	5.0
(W) 260-280	1.1	.8	.6	.1								2.6	6.2	5.5
290-310	1.7	1.2	.7	.1								3.7	6.2	6.0
320-340	4.3	2.8	1.7	.4								9.1	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////											31.0	////////	
TOTALS	33.3	26.3	8.4	.7								100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1) 350-010	8.3	6.5	2.1	.1								17.0	5.4	5.0
020-040	4.1	1.5										5.7	3.7	3.0
050-070	2.1	.5	.1									2.7	3.2	2.0
2) 080-100	1.2	.9	.5									2.6	5.4	5.0
110-130	4.3	2.8	.5	.1								7.7	5.0	4.0
140-160	3.7	3.1	.4	.2								7.3	5.0	4.5
3) 170-190	3.2	3.3	2.0	.1								8.6	6.5	6.0
200-220	.9	.5	.2									1.7	4.6	3.5
230-250	1.1	.7										1.8	4.3	4.0
4) 260-280	.9	.9	.9									2.8	7.1	8.0
290-310	.9	1.8	.9	.1								3.8	7.0	6.5
320-340	3.0	3.2	2.0	.6								8.7	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											29.6	////////	
TOTALS	33.7	25.7	9.6	1.2								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	8.4	4.0	.1								18.1	6.5	6.0
020-040	3.5	2.4										5.9	4.5	4.0
050-070	1.7	1.1										2.7	3.8	4.0
(E) 080-100	2.6	1.5	.7									4.8	4.7	4.0
110-130	3.1	4.4	1.7	.1								9.2	6.4	6.0
140-160	3.8	4.7	1.4									9.9	5.9	5.5
(S) 170-190	1.2	5.3	2.8	.2								9.6	7.8	8.0
200-220	1.9	2.2	.7	.1	.2							5.2	6.8	6.0
230-250	.6	2.5	.7	.1								3.9	7.5	8.0
(W) 260-280	1.1	1.2	.9									3.2	6.7	7.0
290-310	1.9	2.6	1.4	.7	.2							6.9	8.2	7.5
320-340	3.1	5.7	2.6	.2	.1							11.7	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											8.9	////////////////////////////////	
TOTALS	30.1	42.0	16.9	1.5	.5							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1) 350-010	3.4	7.7	2.7	.5								14.3	6.9	7.0
020-040	2.0	2.2	.5									4.7	5.4	5.0
050-070	2.1	1.1	.1									3.3	4.2	3.5
2) 080-100	1.7	.8	.7									3.2	5.7	4.0
110-130	2.0	2.7	2.0									6.7	6.9	6.0
140-160	1.9	3.2	2.2									7.3	7.2	6.0
3) 170-190	1.9	5.4	1.9	.5	.1							9.8	7.7	7.0
200-220	2.4	3.3	1.8	.7								8.2	7.4	7.0
230-250	1.2	2.6	1.2	.1								5.1	7.1	7.0
4) 260-280	1.8	2.1	1.4	.5								5.8	7.7	8.0
290-310	3.2	3.9	1.9	.9	.1							10.0	7.5	7.0
320-340	4.7	5.6	4.6	.7	.2							15.8	7.6	7.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	28.3	40.6	21.0	3.9	.4							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	8.4	2.5	.1								15.2	6.4	6.0
020-040	2.6	2.0	.4									5.0	4.9	4.0
050-070	1.8	.9	.2									3.0	4.2	4.0
(E) 080-100	1.2	.9	.5									2.6	5.4	5.0
110-130	1.3	2.2	.9	.2								4.7	6.9	7.5
140-160	2.7	4.3	1.2	.2								8.4	6.3	6.0
(S) 170-190	2.8	4.8	1.9									9.6	6.5	6.0
200-220	2.2	3.1	1.7	.1								7.1	6.8	6.0
230-250	.9	1.5	.7									3.2	6.6	7.0
(W) 260-280	2.4	2.4	.9	.1	.1							5.9	6.3	5.0
290-310	3.8	4.0	3.4	.9	.2							12.4	8.0	8.0
320-340	4.6	7.0	3.7	.8	.1							16.2	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////	
TOTALS	30.6	41.5	18.0	2.4	.4							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		6.6	5.7	1.9									14.2	5.4	5.0
020-040		2.7	1.8										4.5	4.0	3.5
050-070		2.5	1.8										4.3	3.9	3.5
(E) 080-100		1.8	.4	.1									2.2	4.0	4.0
110-130		5.1	2.0	.9	.5								8.5	5.3	4.0
140-160		4.3	2.1	1.4	.1								7.9	5.5	4.0
(S) 170-190		2.5	3.4	.8	.2								7.0	6.6	6.0
200-220		.9	.8	.1									1.9	4.9	4.5
230-250		.9	.1	.2									1.3	5.1	4.0
(W) 260-280		1.3	.8	.1									2.2	4.6	4.0
290-310		3.4	3.0	1.5									7.9	5.9	5.0
320-340		5.0	4.5	2.4	.5	.1							12.4	6.4	5.0
VARIABLE															
CALM		////////////////////////////////////											25.7	////////////////////////////////	
TOTALS		37.0	26.4	9.4	1.3	.1							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	8.0	2.1	.2								15.1	6.4	6.0
020-040	2.4	.9										3.3	4.1	4.0
050-070	2.1	1.1										3.2	3.9	4.0
(E) 080-100	1.2	.8	.2	.1								2.4	5.3	4.5
110-130	3.9	1.5	.8	.2								6.5	5.1	3.0
140-160	5.0	2.4	.6	.7								8.6	5.6	4.0
(S) 170-190	2.2	2.6	1.5	.4								6.7	7.3	7.0
200-220	.9	1.7	.9									3.5	6.6	6.5
230-250	.6		.2									.8	5.0	4.0
(W) 260-280	.7	.8	.4									1.9	5.9	6.0
290-310	1.9	.9	.9	.2								4.0	6.1	5.0
320-340	2.4	3.8	1.9	.4	.2							8.6	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											35.2	////////	
TOTALS	28.0	24.5	9.5	2.2	.2							100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.8	7.5	2.4	.2								15.8	6.0
020-040	3.0	1.6	.1									4.7	4.2
050-070	1.9	.9	.1									2.9	3.9
(E) 080-100	1.6	.9	.4	.0								2.9	5.0
110-130	3.4	2.4	1.0	.2								7.0	5.6
140-160	3.5	3.2	1.1	.2								8.0	5.8
(S) 170-190	2.2	4.3	1.7	.2	.0							8.5	6.9
200-220	1.7	1.8	.8	.1	.0							4.5	6.4
230-250	.8	1.1	.4	.0								2.3	6.3
(W) 260-280	1.2	1.3	.7	.1	.0							3.4	6.7
290-310	2.2	2.4	1.4	.4	.1							6.6	7.2
320-340	3.8	4.4	2.5	.5	.1							11.3	7.0
VARIABLE													
CALM	////////////////////										22.1	////////////////	
TOTALS	31.1	31.8	12.6	1.9	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	12.8	4.0	.2								21.8	6.7	7.0
020-040	3.4	2.3	.4									6.1	4.9	4.0
050-070	3.6	1.3	.2									5.1	3.6	3.0
(E) 080-100	2.6	1.6	1.0									5.2	5.6	4.5
110-130	1.8	3.8	2.9	.1								8.5	7.6	7.0
140-160	1.8	3.5	1.2	.2								6.7	6.6	6.0
(S) 170-190	1.5	4.3	2.4	.2								8.3	7.5	7.0
200-220	1.3	1.2	.6									3.0	5.9	5.5
230-250	.8	1.3	.1									2.1	5.6	6.0
(W) 260-280	.8	1.9	.8	.1								3.6	7.2	7.0
290-310	1.6	2.7	1.5	.5	.1							6.4	7.7	8.0
320-340	3.4	6.1	3.4	.3								13.2	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	27.5	42.8	18.5	1.6	.1							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1190

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
N) 350-010	7.1	3.9	.4	.1								11.5	4.4	4.0	
020-040	1.1	2.0	.1									3.2	5.3	5.0	
050-070	1.2	.6										1.8	4.8	4.0	
E) 080-100	1.0	.2	.2									1.4	4.5	3.0	
110-130	3.8	1.5	.5	.1								5.9	4.9	4.0	
140-160	4.0	3.0	1.3	.4								8.7	5.8	5.0	
S) 170-190	4.6	6.1	1.9	.4								13.1	6.4	6.0	
200-220	2.6	2.0	.2									4.8	4.9	4.0	
230-250	1.1	.2	.2	.1								1.6	5.5	4.0	
W) 260-280	.9	.5	.1		.1							1.6	5.7	4.0	
290-310	2.9	1.3	.8	.1								5.1	5.6	4.0	
320-340	2.2	2.4	.9	.1								5.5	6.0	6.0	
VARIABLE															
CALM	////////////////////////////////////												35.7	////////////////////////////////	
TOTALS	32.5	23.7	6.6	1.3	.1							100.0	3.5	4.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	4.1	.6									10.6	4.8	4.0
020-040	1.9	1.7										3.7	4.5	4.0
050-070	1.8	.6										2.5	3.4	2.0
(E) 080-100	.8	.6	.3									1.7	5.6	5.0
110-130	4.0	1.9	.6									6.6	4.6	4.0
140-160	4.2	4.6	1.0	.2	.1							10.1	5.7	5.0
(S) 170-190	5.1	4.5	1.0	.2								10.8	5.4	5.0
200-220	2.6	.6	.3									3.5	4.2	4.0
230-250	.8	.2	.1									1.1	4.2	3.0
(W) 260-280	2.0	.1	.1									2.3	3.1	3.0
290-310	2.9	1.4	.4	.1								4.8	5.0	4.0
320-340	2.6	2.3	1.7	.2	.1							6.9	6.8	6.5
VARIABLE														
CALM	////////////////////////////////////											35.5	////////	
TOTALS	34.6	22.6	6.1	.7	.2							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.3	4.7	1.4	.2								12.7	5.3	4.5
020-040	2.7	1.6	.5									4.8	4.8	4.0
050-070	2.0	1.0										3.0	3.7	3.0
(E) 080-100	2.0	1.4	.4									3.9	5.2	4.0
110-130	4.6	3.4	1.0									9.0	5.0	4.0
140-160	5.1	4.0	1.5	.2								10.8	5.6	5.0
(S) 170-190	4.0	4.6	.9	.1								9.6	5.7	5.0
200-220	1.3	1.0	.3									2.6	5.3	4.5
230-250	1.0	.4	.3									1.7	5.2	4.0
(W) 260-280	1.3	1.1	.3									2.7	5.5	5.0
290-310	1.9	1.6	.4	.1								4.1	5.6	5.0
320-340	1.8	3.4	1.5	.1	.1							7.0	6.8	7.0
VARIABLE														
CALM	////////////////////////////////////											28.2	////////////////////////////////	
TOTALS	34.0	28.2	8.5	.7	.1							100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	5.6	2.2	.5								12.2	6.6	6.0
020-040	3.4	3.0	.5									7.0	5.1	5.0
050-070	1.4	2.3	.2									3.9	5.3	5.0
(E) 080-100	1.3	1.4	.1									2.8	5.1	5.0
110-130	2.6	4.1	1.4	.2								8.3	6.4	6.0
140-160	2.5	4.8	3.5	.3	.1							11.3	7.8	8.0
(S) 170-190	3.0	7.1	4.0	.4	.1							14.6	7.7	8.0
200-220	2.0	3.0	1.1	.2								6.3	6.6	6.0
230-250	1.1	2.5	.8									4.3	6.4	6.0
(W) 260-280	1.3	1.9	.8	.1								4.1	6.4	6.0
290-310	1.1	3.5	1.2	.2	.1							6.1	7.6	7.0
320-340	2.6	4.6	2.4	.1								9.7	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////////////////////////////	
TOTALS	26.2	43.8	18.2	2.0	.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.8	1.4									9.0	6.2	6.0
020-040	2.7	2.0	.4									5.2	4.9	4.0
050-070	1.8	.8										2.6	3.9	3.0
(E) 080-100	.8	1.6	.2									2.6	5.6	5.0
110-130	2.0	1.2	1.7	.3								5.3	7.4	7.0
140-160	2.7	5.8	3.1	.9								12.5	7.8	7.0
(S) 170-190	1.6	5.2	5.8	.3	.3							13.2	9.2	9.0
200-220	2.2	3.9	2.5	.4								8.9	7.8	8.0
230-250	2.3	3.0	1.0									6.2	5.9	6.0
(W) 260-280	1.7	2.2	1.0	.3	.1							5.3	7.1	6.0
290-310	1.9	4.3	2.3	.2								8.7	7.4	7.0
320-340	2.8	8.0	4.2	.4								15.4	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////	
TOTALS	25.3	42.8	23.6	2.8	.4							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	5.7	2.2	.1								10.4	6.9	7.0
020-040	1.9	1.2	.2									3.3	4.4	4.0
050-070	2.3	.8	.2									3.2	4.1	3.5
(E) 080-100	1.3	1.0	.2	.1								2.6	5.3	4.5
110-130	1.7	3.4	.6	.1								5.9	6.4	6.0
140-160	2.0	5.1	3.4	.5	.4							11.5	8.4	8.0
(S) 170-190	2.7	6.1	4.3	.8								13.9	8.0	8.0
200-220	2.8	3.5	1.9	.2								8.5	6.8	7.0
230-250	2.7	1.0	.6	.1								4.4	5.0	4.0
(W) 260-280	1.6	1.6	.5	.4								4.2	6.9	6.0
290-310	2.2	3.8	3.3	.4								9.7	8.2	8.0
320-340	3.4	7.4	4.1	1.1								16.0	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////	
TOTALS	27.1	40.6	21.5	3.8	.4							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

PERATING LOCATION "A"
IAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1) 350-010	5.4	5.4	1.3	.2	.1							12.4	5.6	5.0
020-040	2.9	.8	.1									3.8	3.6	2.0
050-070	1.2	.5	.1									1.8	3.9	3.0
2) 080-100	2.5	.6	.2	.1								3.5	4.6	4.0
110-130	5.4	3.2	.6	.2	.1							9.6	5.2	4.0
140-160	4.7	3.1	1.0	.2	.2							9.3	5.8	4.0
3) 170-190	5.4	3.9	1.5	.3								11.1	5.7	5.0
200-220	2.6	.3	.3									3.2	3.6	2.0
230-250	1.4	.6	.2	.1								2.4	4.5	3.5
4) 260-280	1.4	.4	.2									2.0	4.6	4.0
290-310	3.3	2.2	1.3	.2								7.0	5.8	5.0
320-340	4.2	3.8	1.6	.4	.1							10.1	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											23.7	////////////////////////////////	
TOTALS	40.4	24.8	8.4	1.7	.5							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	3.7	1.3	.2								9.8	5.6	5.0
020-040	1.7	1.7	.2									3.7	5.1	5.0
050-070	1.3	.5	.2									2.0	4.4	4.0
(E) 080-100	.9	.3	.1									1.3	3.8	3.5
110-130	5.2	1.1	1.3	.1	.2	.1						8.0	5.5	4.0
140-160	4.4	3.1	1.6	.3	.1							9.6	5.9	5.0
(S) 170-190	2.9	5.8	2.6	.1								11.4	6.9	6.0
200-220	1.8	1.4	.3									3.6	5.0	4.0
230-250	1.0	.3										1.3	3.4	4.0
(W) 260-280	1.0	.4	.1									1.5	4.7	4.0
290-310	1.5	1.0	.5	.2								3.2	6.2	5.0
320-340	2.7	2.8	1.5	.2								7.2	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											37.3	////////	
TOTALS	29.0	22.1	9.7	1.1	.3	.1						100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
0) 350-010		4.8	4.7	1.3	.2	.0							11.1	5.6	5.0
020-040		2.3	1.8	.3									4.3	4.8	4.0
050-070		1.6	.9	.1									2.6	4.2	4.0
0) 080-100		1.3	.9	.2	.0								2.5	5.0	4.0
110-130		3.7	2.5	1.0	.1	.0	.0						7.3	5.6	4.5
140-160		3.7	4.2	2.1	.4	.1							10.5	6.7	6.0
0) 170-190		3.7	5.4	2.7	.3	.1							12.2	7.0	7.0
200-220		2.2	2.0	.9	.1								5.2	6.1	6.0
230-250		1.4	1.0	.4	.0								2.9	5.4	5.0
0) 260-280		1.4	1.0	.4	.1	.0							3.0	5.9	5.0
290-310		2.2	2.4	1.3	.2	.0							6.1	6.7	6.0
320-340		2.8	4.3	2.2	.3	.0							9.7	7.1	7.0
VARIABLE															
CALM		////////////////////////////////////										22.7	////////////////////////////////		
TOTALS		31.1	31.1	12.9	1.7	.2							100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	10.7	1.9	.4								16.7	6.4	6.0
020-040	1.7	2.2	.4									4.3	5.5	5.0
050-070	2.2	1.5										3.7	4.5	4.0
(E) 080-100	2.1	1.4	.1									3.6	4.7	4.0
110-130	3.6	4.6	1.4	.1								9.7	6.1	6.0
140-160	5.5	4.8	1.9	.3	.3							12.9	6.1	6.0
(S) 170-190	4.8	3.5	2.1	.6								10.9	6.3	6.0
200-220	1.8	1.4	.6									3.7	5.5	5.0
230-250	1.0	.7	.3	.1								2.1	5.7	5.0
(W) 260-280	1.1	1.4	1.0	.3								3.7	7.1	7.0
290-310	1.4	2.2	1.7	.1								5.4	7.8	8.0
320-340	1.2	4.1	2.6	.8	.1							9.0	8.7	8.0
VARIABLE														
CALM	////////////////////											14.2	////////	
TOTALS	30.1	38.5	14.0	2.7	.4							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.3	1.8	.1	.1								6.3	3.9	3.0
020-040	1.0	.6	.1									2.2	3.5	3.0
050-070	.4											.4	2.0	2.0
(E) 080-100	1.6	.8		.1								2.4	4.5	4.0
110-130	3.9	1.7	.4			.1						6.1	4.8	4.0
140-160	4.0	1.9	.8									6.7	4.8	4.0
(S) 170-190	4.2	4.4	1.8	.2								10.7	6.1	5.0
200-220	1.6	1.1	.2	.1								3.0	5.3	4.0
230-250	1.1	.1	.3	.1	.1							1.8	6.8	3.5
(W) 260-280	2.3	.6	.1	.1								3.1	4.3	4.0
290-310	2.4	1.1	.4									4.0	4.4	3.0
320-340	2.4	1.4	.4									4.3	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////										48.9	////////////////////////////////		
TOTALS	29.8	15.5	4.6	.7	.1	.1						100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	2.7	.1									7.3	4.3	3.5
020-040	1.7	.6										2.2	3.2	3.0
050-070	.7	.1										.8	2.9	3.0
(E) 080-100	1.0	.6	.2									1.8	5.1	4.0
110-130	7.2	2.1	.3									9.7	3.8	4.0
140-160	3.4	2.4	.4	.1								6.4	5.0	4.0
(S) 170-190	4.0	1.8	.3									6.1	4.2	4.0
200-220	2.4	1.3	.6									4.3	4.7	4.0
230-250	1.7	1.1	.2									3.0	5.0	4.0
(W) 260-280	2.1	.7	.2	.1								3.1	4.6	3.5
290-310	2.1	.9		.1								3.1	4.3	4.0
320-340	2.9	1.2	.3									4.4	4.2	3.5
VARIABLE														
CALM	////////////////////////////////////											47.7	////////////////////////////////	
TOTALS	33.8	15.5	2.6	.3								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.4	.9									8.1	5.2	5.0
020-040	1.7	1.8										3.4	4.5	5.0
050-070	2.3	.7	.2									3.2	3.9	3.0
(E) 080-100	2.6	1.2	.1									3.9	4.1	4.0
110-130	6.9	3.6	.8									11.2	4.6	4.0
140-160	5.1	4.2	.8									10.1	5.0	4.0
(S) 170-190	4.1	2.2	1.0	.2								7.6	5.3	4.0
200-220	4.1	2.0	.3									6.4	3.9	3.0
230-250	1.4	1.1	.1									2.7	4.3	4.0
(W) 260-280	2.4	1.4	.1		.1							4.1	4.5	4.0
290-310	2.9	2.0	.4									5.3	4.7	4.0
320-340	2.4	2.6	.3		.1							5.4	5.7	5.0
VARIABLE														
CAIM	////////////////////////////////////											28.4	////////	
TOTALS	39.7	26.2	5.0	.2	.2							100.0	3.4	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.1	6.8	2.1									12.0	6.5	7.0
020-040	2.4	1.4	.2									4.1	4.5	4.0
050-070	1.8	1.4	.2									3.4	4.8	4.0
(E) 080-100	2.2	1.4	.3									4.0	4.9	4.0
110-130	2.4	1.9	1.0	.2								5.6	6.1	6.0
140-160	3.3	6.1	2.2	.3	.2							12.2	7.1	7.0
(S) 170-190	5.1	4.9	2.7	.2								12.9	6.2	6.0
200-220	4.6	3.8	1.0	.1								9.4	5.3	5.0
230-250	2.6	2.7	.6									5.8	5.3	5.0
(W) 260-280	2.7	3.2	1.2	.2								7.3	6.3	6.0
290-310	1.8	2.9	1.4	.3								6.4	7.2	6.0
320-340	2.3	4.4	2.6	.1								9.4	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////	
TOTALS	34.3	40.9	15.5	1.4	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

ERATING LOCATION "A"
AFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
) 350-010	2.1	4.9	1.2									8.2	6.8	8.0
020-040	2.2	1.0	.2									3.4	4.4	4.0
050-070	1.7	1.0										2.7	3.9	3.0
) 080-100	1.6	.6										2.1	3.3	3.0
110-130	1.6	1.9	.7									4.1	5.9	5.0
140-160	2.8	5.6	2.9	.2	.4							11.9	7.9	8.0
) 170-190	3.4	6.1	4.1	.4								14.1	7.7	7.0
200-220	3.8	3.6	1.8	.3								9.4	6.2	6.0
230-250	2.0	3.7	1.6									7.2	6.7	7.0
) 260-280	1.0	4.2	2.1									7.3	7.6	8.0
290-310	2.3	3.1	2.9	.6								8.9	8.1	8.0
320-340	3.3	7.3	4.6	.1								15.3	7.3	8.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////	
TOTALS	27.8	43.0	22.1	1.6	.4							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	5.7	2.4									11.3	6.5	6.0
020-040	.9	.4										1.3	3.8	4.0
050-070	1.2	.1		.1								1.4	3.2	2.0
(E) 080-100	1.3	.6	.1	.1								2.1	4.7	3.0
110-130	1.0	2.0	.3	.7								4.0	7.6	6.0
140-160	3.4	3.6	2.3	.7	.2							10.2	7.4	6.0
(S) 170-190	5.1	5.9	3.1	.7								14.8	6.9	6.0
200-220	3.7	4.2	1.0	.1								9.0	5.6	5.0
230-250	2.9	2.1	.4	.1								5.6	5.1	4.0
(W) 260-280	1.7	3.7	1.8	.3								7.4	7.0	6.0
290-310	2.3	4.6	3.6	.2								10.7	7.8	8.0
320-340	3.6	7.8	4.0	.1	.1							15.6	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											6.6	//////////	
TOTALS	30.3	40.7	19.0	3.1	.3							100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	3.7	3.3	.7									7.7	5.2	5.0
020-040	1.4	.2		.1								1.8	3.7	2.5
050-070	1.6	.4										2.0	3.1	2.0
E) 080-100	1.1	.8										1.9	4.4	4.0
110-130	3.4	1.4	.3	.1								5.3	4.5	4.0
140-160	7.3	3.3	1.8	.4	.3							13.2	5.8	4.0
S) 170-190	5.1	2.6	1.2	.4								9.3	5.4	4.0
200-220	2.1	.7	.4									3.2	4.7	3.0
230-250	2.1	.6	.4									3.1	4.0	2.5
W) 260-280	3.0	2.6	.1									5.7	4.4	4.0
290-310	4.1	2.1	.8	.1								7.1	5.2	4.0
320-340	6.7	3.8	1.0									11.4	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											28.2	////////////////////////////////	
TOTALS	41.6	21.8	6.7	1.1	.3							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	2.6	.4									7.2	4.5	4.0
020-040	1.7	.2	.1									2.0	3.2	2.0
050-070	2.0	.3										2.3	2.7	2.0
(E) 080-100	.9	.4	.3									1.7	5.7	4.0
110-130	5.0	1.6	.6	.3								7.4	4.3	3.0
140-160	5.1	2.1	1.6	.4	.1							9.3	6.0	4.0
(S) 170-190	3.8	3.3	2.2	.4	.1							9.9	6.5	6.0
200-220	2.0	.4	.3									2.8	4.3	3.0
230-250	1.1	.7										1.8	4.3	4.0
(W) 260-280	1.3	1.4	.1									2.9	5.1	5.0
290-310	2.8	.4	.7									3.9	4.5	3.0
320-340	3.8	.9	.7	.3								5.7	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											43.1	////////	
TOTALS	33.7	14.3	7.0	1.4	.2							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

REPORTING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
350-010	3.6	3.9	1.0	.0								8.5	5.5	5.0
020-040	1.7	.8	.1	.0								2.6	4.0	4.0
050-070	1.5	.5	.1	.0								2.0	3.7	3.0
080-100	1.5	.8	.1	.0								2.5	4.5	4.0
110-130	3.9	2.0	.6	.2		.0						6.7	4.9	4.0
140-160	4.3	3.7	1.6	.3	.2							10.0	6.3	5.0
170-190	4.4	3.9	2.1	.3	.0							10.7	6.3	6.0
200-220	3.0	2.1	.7	.1								6.0	5.2	4.0
230-250	1.9	1.5	.5	.0	.0							3.9	5.4	5.0
260-280	2.1	2.2	.7	.1	.0							5.1	5.9	5.0
290-310	2.6	2.1	1.3	.2								6.2	6.3	6.0
320-340	3.4	3.7	1.7	.1	.0							9.0	6.2	6.0
VARIABLE														
CALM	////////////////////											26.9	////////	
TOTALS	33.9	27.2	10.5	1.3	.2							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	6.1	2.3									13.1	6.1	6.0
020-040	2.3	.9	.2									3.4	3.6	2.0
050-070	3.6	.7		.2								4.5	3.9	3.0
(E) 080-100	3.6	1.8	.5									5.9	4.7	4.0
110-130	2.9	2.9	2.7	.2		.2						9.0	7.5	7.0
140-160	4.8	7.2	1.8	.2								14.0	6.2	6.0
(S) 170-190	3.2	2.0	.9									6.1	5.5	4.0
200-220	3.6	1.8	.9									6.3	5.0	4.0
230-250	2.5	.7	.5									3.6	4.6	4.0
(W) 260-280	2.0	2.7	.2	.2								5.2	5.3	5.0
290-310	2.0	2.5	.2	.5								5.2	6.3	5.0
320-340	2.3	3.4	2.0	.5								8.1	7.3	7.5
VARIABLE														
CALM	////////////////////											15.4	////////	
TOTALS	37.6	32.7	12.2	1.8		.2						100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 442

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1) 350-010	2.9	1.5	.6									5.1	4.6	3.0
020-040	1.6	.3										1.9	3.5	3.0
050-070	.5	.2										.8	3.3	2.0
2) 080-100	1.5	.1	.1									1.7	3.1	2.0
110-130	7.1	1.1	.1		.1							8.4	3.7	3.0
140-160	4.6	1.8	.5	.1								7.1	4.3	3.0
3) 170-190	5.6	4.5	1.5									11.6	5.3	5.0
200-220	2.0	1.3	.2	.1								3.7	4.9	4.0
230-250	.6	.3										1.0	3.9	4.0
4) 260-280	.6	.6										1.3	4.8	5.0
290-310	1.8	.6	.1									2.6	4.0	3.0
320-340	.9	1.1	.3	.1								2.4	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											52.6	////////////////////////////////	
TOTALS	29.7	13.4	3.4	.3	.1							100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.7	.3									4.8	4.6	4.0
020-040	1.3	.2										1.5	2.6	2.0
050-070	.9	.1										1.0	2.7	2.0
(E) 080-100	2.3											2.3	2.0	2.0
110-130	7.5	1.0	.4									8.9	3.4	3.0
140-160	5.1	2.2	.2									7.4	3.9	4.0
(S) 170-190	4.2	4.1	.9									9.1	5.1	5.0
200-220	1.7	1.3	.1									3.1	4.3	4.0
230-250	1.1	.1										1.2	2.5	2.0
(W) 260-280	1.4	.6										2.0	3.9	4.0
290-310	2.8	1.0										3.8	3.7	4.0
320-340	2.0	.9	.1									3.0	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											51.8	////////	
TOTALS	33.1	13.2	2.0									100.0	1.9	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

REPORTING LOCATION "A"
AFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
) 350-010	4.6	3.9	.6	.1								9.2	5.0	4.5
020-040	2.8	1.4	.1									4.3	3.8	3.0
050-070	2.8	.6	.1									3.5	3.1	2.0
) 080-100	3.3	.9	.3									4.5	3.5	2.0
110-130	9.0	1.9	.3									11.3	3.5	3.0
140-160	6.7	5.2	1.0									12.8	4.7	4.0
) 170-190	4.9	4.6	.8									10.3	5.1	5.0
200-220	3.3	2.4	.2	.2								6.1	4.9	4.0
230-250	2.0	1.2	.1									3.3	4.0	3.0
) 260-280	1.3	.3										1.6	3.4	3.0
290-310	1.2	1.1	.1									2.4	4.9	4.5
320-340	1.7	1.9	.6									4.3	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											26.2	////////////////////////////////	
TOTALS	43.6	25.4	4.2	.3								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.4	4.4	1.3									9.1	5.9	6.0
020-040	1.3	2.2	.6									4.1	6.2	6.0
050-070	2.5	1.6	.1									4.2	4.0	3.0
(E) 080-100	3.0	1.5	.2									4.7	4.1	4.0
110-130	6.3	2.8	.8									9.9	4.4	4.0
140-160	4.8	4.9	1.9	.2								11.9	6.1	6.0
(S) 170-190	5.8	7.0	2.8	.4								16.0	6.1	6.0
200-220	3.3	5.2	1.7									10.2	6.1	5.0
230-250	3.9	3.0	.4		.1							7.4	4.9	4.0
(W) 260-280	1.8	2.3	.1									4.2	5.1	5.0
290-310	1.5	2.2	.3									4.0	5.2	5.0
320-340	2.5	4.2	1.0									7.6	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											6.6	////////	
TOTALS	40.1	41.3	11.2	.6	.1							100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	5.6	2.8									11.2	7.0	7.0
020-040	2.4	1.6	.3									4.3	4.6	4.0
050-070	2.0	1.2										3.2	4.0	3.0
(E) 080-100	1.9	.9	.3									3.1	4.6	4.0
110-130	2.4	4.7	.6	.1								7.8	6.1	6.0
140-160	4.5	5.8	2.5	.2								13.0	6.5	6.0
(S) 170-190	4.8	8.1	2.7	.3								15.9	6.6	6.0
200-220	4.1	6.1	2.0	.1								12.4	6.0	5.0
230-250	3.0	2.4	.8	.1								6.2	5.4	5.0
(W) 260-280	.9	2.0	.8	.1	.1							3.9	7.4	7.0
290-310	2.4	2.6	.6	.1								5.7	5.8	5.0
320-340	1.9	3.9	1.4	.1								7.3	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	33.1	44.9	14.8	1.1	.1							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	5.4	2.3									11.0	6.5	6.0
020-040	2.3	2.7	.4	.1								5.5	5.5	5.0
050-070	2.2	.8										2.9	3.7	3.0
(E) 080-100	2.2	1.2	.3									3.7	4.9	4.0
110-130	3.0	2.9	.9									6.8	5.5	5.0
140-160	4.6	7.0	2.9	.3								14.8	6.5	6.0
(S) 170-190	5.8	6.2	2.5									14.5	6.0	6.0
200-220	3.4	4.8	.3									8.6	5.2	5.0
230-250	2.4	2.7	.6									5.7	5.6	6.0
(W) 260-280	2.5	1.8	.9									5.2	5.6	5.0
290-310	2.4	2.9	.3	.3								5.9	6.2	5.0
320-340	3.0	3.5	1.7	.2								8.5	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////	
TOTALS	37.1	41.9	13.1	.9								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	2.8	.4									8.8	4.3	3.5
020-040	3.4	1.5	.3									5.3	4.0	3.0
050-070	2.6	.6										3.2	3.1	3.0
(E) 080-100	2.9	.2										3.1	2.8	2.0
110-130	5.9	2.4	.3									8.6	4.2	4.0
140-160	6.0	4.3	.6		.1							11.1	4.8	4.0
(S) 170-190	5.6	3.7	.9	.1								10.2	4.9	4.0
200-220	3.5	1.1	.1									4.7	3.6	3.0
230-250	2.2	.4										2.6	3.2	2.5
(W) 260-280	1.8	.8										2.6	4.0	4.0
290-310	2.3	1.0	.6		.1							4.0	5.4	4.0
320-340	3.9	1.8	.5	.1	.1							6.5	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											29.4	////////	
TOTALS	45.7	20.6	3.7	.2	.3							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.5	.3									5.4	4.0	3.0
020-040	2.0	.4	.1									2.6	3.6	3.0
050-070	1.6	.2										1.8	2.6	2.0
(E) 080-100	1.7	.4										2.2	3.0	2.5
110-130	9.8	1.3	.2									11.3	3.4	3.0
140-160	7.1	2.6	.4	.2				.1				10.4	4.8	4.0
(S) 170-190	2.6	3.7	1.4	.2								7.8	6.4	6.0
200-220	1.1	1.1	.3									2.5	5.3	5.0
230-250	1.1	.4										1.5	3.5	2.5
(W) 260-280	.6	.2	.1	.1								1.1	5.5	4.0
290-310	.9	.6	.2									1.7	5.3	4.5
320-340	2.3	1.0	.4	.1								3.8	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											48.0	////////	
TOTALS	34.3	13.4	3.4	.6				.1				100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.3	1.1	.0								8.1	5.5	5.0
020-040	2.1	1.3	.2	.0								3.7	4.5	4.0
050-070	1.9	.7	.0									2.6	3.4	3.0
(E) 080-100	2.4	.6	.2									3.2	3.7	3.0
110-130	6.4	2.3	.5	.0	.0							9.1	4.1	4.0
140-160	5.4	4.2	1.3	.1	.0			.0				11.1	5.4	5.0
(S) 170-190	4.9	5.2	1.7	.1								11.9	5.8	5.0
200-220	2.8	2.9	.6	.1								6.4	5.3	5.0
230-250	2.0	1.3	.2	.0	.0							3.6	4.7	4.0
(W) 260-280	1.4	1.1	.2	.0	.0							2.7	5.2	4.0
290-310	1.9	1.5	.3	.1	.0							3.7	5.2	4.0
320-340	2.3	2.3	.8	.1	.0							5.4	5.8	5.0
VARIABLE														
CALM	////////////////////											28.4	////////	
TOTALS	37.1	26.7	7.1	.5								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.6	.8									7.4	6.1	6.0
020-040	.8	2.5	.2									3.6	6.3	6.0
050-070	3.0	1.7										4.6	3.9	3.0
(E) 080-100	4.2	.4										4.6	3.2	3.5
110-130	4.2	4.0	2.1									10.3	6.2	5.0
140-160	6.3	7.4	2.5	.4								16.7	6.1	5.0
(S) 170-190	5.3	7.0	2.3	.4								15.0	6.0	5.0
200-220	2.7	2.5	.4									5.7	5.2	5.0
230-250	.8	.4										1.3	4.2	3.5
(W) 260-280	1.3	1.5										2.7	4.9	5.0
290-310	2.3	2.7	.4									5.5	5.5	5.0
320-340	.2	3.0	.8									4.0	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											18.6	////////	
TOTALS	33.0	37.7	9.5	.8								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 474

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	.7										3.7	3.0	2.0
020-040	1.0											1.0	2.8	3.0
050-070	1.6	.1										1.7	2.3	2.0
(E) 080-100	1.4	.1										1.6	3.0	3.0
110-130	5.2	.7										5.9	2.9	3.0
140-160	6.4	1.2	.1									7.8	3.3	3.0
(S) 170-190	5.1	2.8	.1									8.0	4.1	4.0
200-220	2.4	.3										2.8	3.0	2.0
230-250	1.7	.1										1.8	2.4	2.0
(W) 260-280	.6	.3										.9	4.4	4.0
290-310	.8	.9										1.7	4.7	5.0
320-340	1.8	.3		.1								2.2	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											61.1	////////	
TOTALS	31.0	7.5	.2	.1								100.0	1.3	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN W.I.D	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.8										3.0	3.6	3.0
020-040	1.0	.1										1.1	2.3	2.0
050-070	.4											.4	1.3	1.0
(E) 080-100	2.1											2.1	1.9	2.0
110-130	5.4	.4										5.9	2.6	2.0
140-160	6.3	.6										6.9	3.0	3.0
(S) 170-190	4.4	2.1	.1									6.7	3.9	4.0
200-220	1.8	.2	.2									2.2	3.7	3.0
230-250	1.3	.2	.1									1.7	3.7	3.0
(W) 260-280	1.0	.1										1.1	2.7	2.0
290-310	1.0	.7		.1								1.8	4.6	4.0
320-340	2.3	.8										3.1	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											64.0	////////	
TOTALS	29.2	6.0	.4	.1								100.0	1.2	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.7	.1									6.8	4.3	4.0
020-040	3.2	.4										3.7	2.9	2.0
050-070	1.6	.3										1.9	3.3	3.0
(E) 080-100	2.7	1.0										3.7	3.5	3.0
110-130	6.6	2.2										8.8	3.5	4.0
140-160	8.3	2.9										11.2	3.3	3.0
(S) 170-190	6.1	2.4	.1									8.7	3.8	4.0
200-220	3.7	2.2										5.9	4.0	4.0
230-250	3.3	.9	.1									4.3	3.7	3.0
(W) 260-280	2.6	.8	.1									3.4	3.9	4.0
290-310	2.9	.7										3.6	3.3	3.0
320-340	3.4	1.2	.2									4.9	3.9	3.5
VARIABLE														
CALM	////////////////////////////////////											33.2	////////	
TOTALS	48.4	17.7	.6									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.4	3.2	.2									7.9	4.4	4.0
020-040	3.4	1.8	.1									5.3	4.0	4.0
050-070	2.8	1.9										4.7	3.7	3.5
(E) 080-100	3.1	.8	.2									4.1	3.9	4.0
110-130	3.1	3.6	.4									7.1	4.9	5.0
140-160	4.4	4.3	.1									8.9	4.6	4.5
(S) 170-190	8.1	4.4	.1									12.7	4.1	4.0
200-220	6.4	5.4	.7									12.6	4.7	4.0
230-250	4.6	2.8	.3									7.7	4.3	4.0
(W) 260-280	3.6	2.3	.3									6.2	4.5	4.0
290-310	3.1	1.2	.2									4.6	4.1	4.0
320-340	4.2	3.3	.2									7.8	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											10.6	////////	
TOTALS	51.2	35.0	2.8									100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.1	1.1	.1								8.1	6.1	5.0
020-040	2.9	1.4	.2	.1								4.7	4.4	4.0
050-070	2.4	1.4										3.9	3.9	4.0
(E) 080-100	2.9	2.1	.2									5.2	4.4	4.0
110-130	4.2	3.2	.8									8.2	5.1	4.0
140-160	5.0	4.6	.8	.1								10.4	5.2	5.0
(S) 170-190	4.8	5.7	.8									11.3	5.1	5.0
200-220	5.6	4.7	.3									10.6	4.8	4.0
230-250	4.9	3.7	.1									8.7	4.1	4.0
(W) 260-280	3.0	3.9	.4									7.3	5.5	5.0
290-310	3.2	3.0	.3									6.6	4.6	5.0
320-340	3.7	3.6	.6									7.8	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											7.3	//////////	
TOTALS	45.4	41.4	5.6	.3								100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.9	1.0			.1						9.1	5.9	5.5
020-040	3.1	2.4	.4									6.0	4.9	4.0
050-070	2.8	1.2	.1	.1								4.2	4.1	4.0
(E) 080-100	1.9	1.7										3.6	4.7	4.0
110-130	2.6	3.8	.4									6.8	5.4	5.0
140-160	4.8	5.8	1.0									11.6	5.5	5.0
(S) 170-190	6.9	4.4	.3									11.7	4.6	4.0
200-220	7.7	4.1	.9									12.7	4.6	4.0
230-250	2.9	2.6	.4									5.9	4.8	5.0
(W) 260-280	3.9	1.8	.2									5.9	4.2	4.0
290-310	2.8	2.9	.3									6.0	4.7	5.0
320-340	3.4	4.0	1.1									8.6	5.5	6.0
VARIABLE														
CALM	////////////////////////////////////											8.1	////////	
TOTALS	46.9	38.6	6.1	.1		.1						100.0	4.6	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	1.7	.4									7.0	4.1	3.0
020-040	3.6	.9		.1								4.6	3.6	3.0
050-070	3.3	.1										3.4	2.4	2.0
(E) 080-100	3.2	.6	.2									4.0	3.5	3.0
110-130	5.9	1.3	.1									7.3	3.3	3.0
140-160	6.4	3.7	.1	.1								10.3	4.2	4.0
(S) 170-190	7.4	1.3										8.8	3.0	3.0
200-220	6.2	1.2	.1									7.6	3.1	3.0
230-250	3.1	.7	.1	.1								4.0	3.9	3.0
(W) 260-280	3.0	.7										3.7	3.3	3.0
290-310	1.7	.4										2.1	3.0	2.0
320-340	3.1	1.4	.1									4.7	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											32.6	////////	
TOTALS	51.8	14.0	1.1	.3								100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.3										2.9	2.7	2.0
020-040	2.2	.6	.1									2.9	3.8	3.0
050-070	1.1	.1										1.2	2.4	2.0
(E) 080-100	1.2	.4										1.7	3.7	4.0
110-130	6.6	1.3										7.9	3.1	3.0
140-160	9.6	2.3	.1	.1								12.1	3.6	3.0
(S) 170-190	5.6	2.0										7.6	3.6	3.5
200-220	2.6	.6										3.1	2.9	2.5
230-250	1.2	.1										1.3	2.6	2.0
(W) 260-280	1.4	.3										1.8	3.2	3.0
290-310	.8	.2	.1									1.1	4.0	2.0
320-340	2.3	.4										2.8	3.2	2.0
VARIABLE														
CALM	////////////////////////////////////											53.7	////////	
TOTALS	37.2	8.6	.3	.1								100.0	1.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.2	.4	.0		.0						6.1	4.6	4.0
020-040	2.6	1.0	.1	.0								3.7	3.9	4.0
050-070	2.0	.7	.0	.0								2.7	3.3	3.0
(E) 080-100	2.3	.8	.1									3.2	3.7	3.0
110-130	4.9	2.1	.2									7.2	3.9	4.0
140-160	6.4	3.2	.3	.0								9.9	4.1	4.0
(S) 170-190	6.1	3.2	.2									9.4	4.1	4.0
200-220	4.5	2.3	.3									7.2	4.2	4.0
230-250	2.9	1.4	.2	.0								4.4	4.0	4.0
(W) 260-280	2.4	1.3	.1									3.8	4.3	4.0
290-310	2.0	1.3	.1	.0								3.4	4.2	4.0
320-340	3.0	1.9	.3	.0								5.2	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											33.8	////////////////////////////////	
TOTALS	42.6	21.4	2.3									100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.1	.5									5.3	4.8	4.5
020-040	2.1											2.1	2.6	2.5
050-070	1.1	.3										1.3	2.6	2.0
(E) 080-100	.5	.5	.3									1.3	5.6	6.0
110-130	4.7	1.6	.3									6.6	4.4	4.0
140-160	7.6	5.8	.5									13.9	4.4	4.0
(S) 170-190	12.1	5.8	.5									18.4	4.4	4.0
200-220	5.8	2.4										8.2	3.7	4.0
230-250	3.2	.3	.8	.3								4.5	5.1	3.0
(W) 260-280	.5	1.6	.3									2.4	6.4	6.0
290-310	2.4	3.4	.3									6.1	5.2	5.0
320-340	2.4	2.4	.5	.3								5.5	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											24.5	////////	
TOTALS	45.0	26.2	4.0	.6								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.3	.3										1.6	3.3	3.0
020-040	.8	.1			.1							1.0	4.2	2.0
050-070	1.4	.1										1.5	2.4	2.0
(E) 080-100	1.3	.4										1.7	2.8	2.0
110-130	6.2	.4	.1									6.8	2.5	2.0
140-160	5.7	1.0	.3									7.0	3.3	3.0
(S) 170-190	5.6	1.4										7.0	3.4	3.0
200-220	4.1	.2										4.3	3.0	3.0
230-250	1.1											1.1	2.5	2.5
(W) 260-280	1.3											1.3	2.5	2.0
290-310	1.3	.2										1.5	3.1	2.5
320-340	1.3	.1										1.4	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////										63.9	////////		
TOTALS	31.4	4.2	.4		.1							100.0	1.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.3										1.8	3.2	3.0
020-040	.6											.6	1.3	1.0
050-070	1.4											1.4	1.7	2.0
(E) 080-100	2.2	.2										2.4	2.3	2.0
110-130	6.7											6.7	2.5	2.0
140-160	4.9	.8	.1									5.8	3.0	2.0
(S) 170-190	6.2	1.3										7.5	3.1	3.0
200-220	2.3	.8										3.0	3.6	3.0
230-250	1.9	.2										2.2	2.5	2.0
(W) 260-280	.5	.1										.6	2.5	2.0
290-310	1.3	.1										1.4	2.2	2.0
320-340	1.1	.1										1.2	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											65.4	////////////////////////////////	
TOTALS	30.6	3.9	.1									100.0	1.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.4										4.4	3.4	3.0
020-040	3.2	.1										3.3	2.0	2.0
050-070	2.6											2.6	1.9	2.0
(E) 080-100	2.6	.4	.1									3.1	3.3	3.0
110-130	6.6	2.4										8.9	3.4	3.0
140-160	5.9	1.9										7.8	3.2	3.0
(S) 170-190	6.8	1.9										8.7	3.4	3.0
200-220	4.2	1.6	.1									5.9	3.8	4.0
230-250	5.1	.9	.2									6.1	3.4	3.0
(W) 260-280	2.7	1.5	.2									4.4	4.1	4.0
290-310	3.0	.6	.1									3.8	3.3	3.0
320-340	3.9	.2										4.1	2.7	2.5
VARIABLE														
CALM	////////////////////////////////////											36.8	////////	
TOTALS	49.6	12.9	.7									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	2.7	.1									8.4	3.9	4.0
020-040	4.3	1.4										5.7	3.2	2.0
050-070	3.0	.4										3.4	3.0	2.0
(E) 080-100	4.4	.9										5.3	2.9	2.0
110-130	3.4	2.7	.1									6.2	4.2	4.0
140-160	4.0	3.0										7.0	4.4	4.0
(S) 170-190	5.8	2.3	.2									8.3	3.8	3.0
200-220	5.6	2.6	.1									8.3	4.1	4.0
230-250	5.2	3.2	.4									8.8	4.4	4.0
(W) 260-280	5.7	4.0	.1									9.8	4.3	4.0
290-310	5.2	4.1	.3									9.6	4.6	4.0
320-340	5.3	1.7	.1									7.1	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											12.2	////////	
TOTALS	57.5	29.0	1.4									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	5.9	3.8	.4									10.1	4.6	4.0
020-040	4.6	2.5	.1									7.2	4.3	4.0
050-070	1.9	1.5										3.4	4.0	4.0
(E) 080-100	3.1	1.3										4.4	3.7	4.0
110-130	3.2	3.3	.1									6.7	4.9	5.0
140-160	3.5	2.8	.3									6.7	4.8	4.0
(S) 170-190	4.0	3.0	.3									7.3	4.8	4.0
200-220	4.7	2.8	.5									8.1	4.6	4.0
230-250	5.6	3.9	.8									10.2	4.9	4.0
(W) 260-280	4.3	5.3	.6		.1							10.3	5.5	5.0
290-310	4.2	3.8	.5	.2								8.7	5.3	5.0
320-340	6.1	3.4	.2									9.8	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	51.1	37.4	3.8	.2	.1							100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	4.9	.3									11.4	4.7	4.0
020-040	4.0	2.6	.4									7.0	4.4	4.0
050-070	2.6	1.0										3.5	3.9	4.0
(E) 080-100	2.7	1.4		.1								4.2	4.1	3.0
110-130	3.4	3.8	.8									8.0	5.6	5.0
140-160	3.2	3.8	.1	.1								7.2	4.9	5.0
(S) 170-190	5.3	3.8	.3									9.4	4.7	4.0
200-220	4.0	3.8	.6	.2								8.6	5.4	5.0
230-250	4.9	3.5	.2									8.7	4.4	4.0
(W) 260-280	3.7	4.5	.1	.1								8.4	4.8	5.0
290-310	4.2	3.1	.3	.1								7.7	5.0	4.0
320-340	3.8	4.3	1.1	.1								9.2	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////	
TOTALS	47.9	40.5	4.2	.7								100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	1.9	.3	.1								7.3	4.0	3.0
020-040	3.1	.5	.1									3.8	3.1	3.0
050-070	3.4	.3										3.8	2.8	2.0
(E) 080-100	3.7	.6	.1									4.4	3.0	2.0
110-130	5.4	1.6		.1								7.1	3.7	3.0
140-160	6.0	2.6	.2									8.8	3.8	4.0
(S) 170-190	6.5	1.8	.2									8.5	3.5	3.0
200-220	4.0	1.2	.1	.1								5.4	3.8	3.0
230-250	4.8	1.0										5.8	3.3	3.5
(W) 260-280	3.8	1.3	.2									5.3	3.7	3.0
290-310	3.1	1.2										4.3	3.5	4.0
320-340	2.9	1.1	.1									4.1	3.5	2.0
VARIABLE														
CALM	////////////////////////////////////											31.5	////////	
TOTALS	51.6	15.1	1.3	.3								100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	.3	.1	.1								3.0	3.6	2.0
020-040	1.6											1.6	2.0	2.0
050-070	.5	.1	.1									.8	4.1	2.0
(E) 080-100	2.9	.3	.1									3.3	2.7	2.0
110-130	8.0	.8										8.7	2.8	2.0
140-160	5.8	1.4	.2									7.4	3.3	3.0
(S) 170-190	4.7	.9										5.6	2.9	2.0
200-220	3.1	.8										3.9	3.0	2.0
230-250	2.7	.4										3.1	2.9	2.0
(W) 260-280	1.3	.2										1.5	2.8	2.5
290-310	.5	.3										.9	3.6	4.0
320-340	2.0											2.0	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											58.2	////////	
TOTALS	35.6	5.5	.5	.1								100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.0	.2	.0								6.0	4.1	4.0
020-040	2.8	.9	.1		.0							3.8	3.5	3.0
050-070	2.1	.4	.0									2.6	3.1	2.0
(E) 080-100	2.8	.7	.0	.0								3.6	3.2	2.0
110-130	5.4	1.9	.1	.0								7.4	3.7	3.0
140-160	4.9	2.2	.2	.0								7.2	3.9	3.0
(S) 170-190	5.6	2.0	.1									7.8	3.7	3.0
200-220	4.0	1.7	.2	.0								5.9	4.1	4.0
230-250	3.9	1.6	.2									5.8	4.0	4.0
(W) 260-280	2.9	2.1	.2	.0	.0							5.2	4.4	4.0
290-310	2.8	1.7	.2	.0								4.7	4.4	4.0
320-340	3.3	1.4	.2	.0								4.9	3.9	3.0
VARIABLE														
CALM	////////////////////											35.2	////////	
TOTALS	44.4	18.6	1.7									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.8	.2	.2								3.9	5.0	5.0
020-040	2.3	.2										2.5	2.2	2.0
050-070	3.1											3.1	1.9	2.0
(E) 080-100	4.3	.4										4.7	2.7	2.0
110-130	7.0	.8		.2								8.0	3.2	3.0
140-160	7.0	3.5	.8									11.3	4.3	4.0
(S) 170-190	7.2	4.5										11.7	4.1	4.0
200-220	2.7	1.0		.2								3.9	4.3	4.0
230-250	4.5	.6										5.1	2.9	3.0
(W) 260-280	1.2	1.0	.4		.2							2.7	6.4	5.5
290-310	1.6	1.2	.4									3.1	4.9	4.5
320-340	2.3	.4										2.7	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											37.2	////////////////////////////////	
TOTALS	45.0	15.4	1.8	.6	.2							100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 513

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	.3										4.8	2.3	2.0
020-040	1.2											1.2	2.5	2.0
050-070	1.4											1.4	1.8	2.0
(E) 080-100	2.7	.4										3.1	2.8	2.0
110-130	6.7	.9										7.5	2.8	2.5
140-160	5.2	.4										5.6	2.7	2.0
(S) 170-190	3.0	.1										3.1	2.3	2.0
200-220	1.8	.1										1.9	2.4	2.0
230-250	1.4	.2										1.6	2.3	2.0
(W) 260-280	1.0	.2	.1									1.3	3.8	3.0
290-310	.4											.4	2.3	2.0
320-340	2.3											2.3	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											65.7	////////////////////////////////	
TOTALS	31.6	2.6	.1									100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	.2										5.3	2.4	2.0
020-040	1.6	.1										1.7	2.2	2.0
050-070	1.0	.1										1.1	2.2	2.0
(E) 080-100	1.7	.1										1.8	2.4	2.0
110-130	6.8	.9	.1									7.7	2.8	2.0
140-160	5.9	.3										6.2	2.3	2.0
(S) 170-190	2.4											2.4	1.8	2.0
200-220	1.4	.1										1.5	2.2	2.0
230-250	1.2	.3										1.5	2.9	2.5
(W) 260-280	1.0	.3										1.3	3.9	3.0
290-310	.5	.2										.8	3.1	3.0
320-340	2.8											2.8	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											65.9	////////	
TOTALS	31.4	2.6	.1									100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	1.4										8.5	3.0	3.0
020-040	2.9	.2										3.1	2.4	2.0
050-070	2.6	.4										3.0	2.8	2.0
(E) 080-100	4.0	.4	.2									4.6	2.9	2.0
110-130	8.9	2.6	.3		.1							11.9	3.7	3.0
140-160	6.6	1.5	.1									8.2	3.2	3.0
(S) 170-190	2.8	1.0										3.8	3.1	3.0
200-220	2.3	.2										2.5	2.7	3.0
230-250	3.2	.5										3.8	2.9	2.0
(W) 260-280	2.5	1.0										3.4	3.6	3.0
290-310	1.7	.4										2.2	2.7	2.0
320-340	2.0	.3	.1									2.5	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											42.6	////////////////////////////////	
TOTALS	46.6	9.9	.7		.1							100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	2.4										10.4	3.4	3.0
020-040	4.9	1.6	.1									6.7	3.7	3.0
050-070	3.7	.8										4.4	2.9	2.0
(E) 080-100	3.7	1.7										5.4	3.5	3.5
110-130	6.0	2.4	.6	.1								9.1	4.5	4.0
140-160	4.6	2.3	.4									7.3	4.4	4.0
(S) 170-190	4.7	2.2	.1									7.0	4.0	3.0
200-220	5.2	1.6	.1									6.9	3.5	3.0
230-250	4.3	1.3	.1									5.7	3.8	3.0
(W) 260-280	4.8	3.0	.1									8.0	3.9	4.0
290-310	4.9	3.2	.2									8.4	4.1	4.0
320-340	6.0	1.4	.6									8.1	4.1	3.0
VARIABLE														
CALM	////////////////////////////////////											12.7	////////	
TOTALS	60.9	23.9	2.3	.1								100.0	3.4	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	4.7	.9									12.4	4.7	4.0
020-040	5.7	1.8	.2									7.7	3.6	3.0
050-070	5.2	1.1	.1									6.3	3.3	3.0
(E) 080-100	3.4	1.4	.3									5.2	4.0	4.0
110-130	3.7	2.7	.3									6.7	4.7	4.0
140-160	4.2	3.5	.5	.1	.1							8.5	5.4	5.0
(S) 170-190	3.9	3.3	.2									7.4	4.6	4.0
200-220	3.4	2.7	.4									6.6	4.7	4.0
230-250	2.6	2.5	.3									5.4	4.8	5.0
(W) 260-280	3.8	2.6	.3									6.7	4.7	4.0
290-310	4.8	3.5	.3									8.7	4.5	4.0
320-340	5.4	5.4	.3									11.1	4.7	5.0
VARIABLE														
CALM	////////////////////											7.4	////////	
TOTALS	52.9	35.2	4.1	.1	.1							100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	5.9	.5	.2								14.5	4.9	4.0
020-040	4.1	2.0	.3									6.5	4.2	4.0
050-070	4.2	1.1	.3	.1								5.7	4.2	4.0
(E) 080-100	2.8	1.8	.1									4.7	4.3	4.0
110-130	2.3	3.2	.2	.1								5.8	5.2	5.0
140-160	2.7	3.9	.1	.1								6.8	5.2	5.0
(S) 170-190	5.1	4.1	.3									9.5	4.8	4.0
200-220	4.3	4.0	.2									8.5	4.8	4.0
230-250	3.0	1.5		.1								4.6	4.0	4.0
(W) 260-280	4.0	2.3	.4									6.7	4.7	4.0
290-310	4.3	3.1	.3		.1							7.8	4.7	4.0
320-340	6.0	4.2	.2	.1								10.5	4.8	4.0
VARIABLE														
CALM	////////////////////											8.4	////	////
TOTALS	50.6	37.1	2.9	.7	.1							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	2.2	.1									10.2	3.3	3.0
020-040	3.7	.2										3.9	2.4	2.0
050-070	3.1	.6	.2									4.0	3.3	2.0
(E) 080-100	2.8	1.1										3.9	3.9	3.0
110-130	7.7	1.2	.1									9.0	3.1	3.0
140-160	4.1	2.2	.1									6.3	3.7	3.0
(S) 170-190	5.1	1.9	.3									7.3	3.9	4.0
200-220	3.2	1.7	.1									5.1	4.2	4.0
230-250	1.9	1.0	.2									3.1	4.1	3.0
(W) 260-280	2.3	.3	.2									2.8	3.5	3.0
290-310	2.4	.4	.1									2.9	3.5	2.0
320-340	4.4	.8	.2									5.4	3.2	2.0
VARIABLE														
CALM	////////////////////////////////////											36.1	////////	
TOTALS	48.7	13.6	1.6									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	.8										4.6	2.8	2.0
020-040	2.8											2.8	2.3	2.0
050-070	1.4	.1										1.5	2.9	2.5
(E) 080-100	4.1	.3										4.4	2.7	2.0
110-130	9.4	.8	.1									10.2	2.9	2.0
140-160	5.4	.5										5.9	2.6	2.0
(S) 170-190	2.4	.8										3.1	3.1	2.0
200-220	2.9	.3	.1									3.3	2.8	2.0
230-250	1.0	.4	.2									1.6	4.5	4.0
(W) 260-280	.5											.5	2.2	2.0
290-310	.9	.1										1.0	2.4	2.0
320-340	2.5			.1								2.6	2.5	2.0
VARIABLE														
CALM	////////////////////											58.4	////////	
TOTALS	37.2	4.1	.4	.1								100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.4	2.2	.2	.0								8.8	3.7	3.0
020-040	3.4	.8	.1									4.2	3.3	2.0
050-070	2.8	.5	.1	.0								3.4	3.2	2.0
(E) 080-100	3.1	.9	.1									4.1	3.4	3.0
110-130	6.4	1.8	.2	.0	.0							8.5	3.7	3.0
140-160	4.8	1.8	.2	.0	.0							6.9	3.8	3.0
(S) 170-190	3.7	1.7	.1									5.4	3.9	3.0
200-220	3.1	1.3	.1									4.5	3.9	4.0
230-250	2.3	1.0	.1	.0								3.4	3.8	3.0
(W) 260-280	2.5	1.2	.1									3.8	4.2	4.0
290-310	2.5	1.4	.1		.0							4.0	4.1	4.0
320-340	3.9	1.5	.2	.0								5.6	4.0	3.0
VARIABLE														
CALM	////////////////////											37.2	////////	
TOTALS	44.9	16.1	1.6									100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	1.4										7.6	3.5	3.0
020-040	3.1	.3	.2									3.6	3.4	3.0
050-070	2.1											2.1	2.1	2.0
(E) 080-100	3.3	.3	.2									3.8	2.6	2.0
110-130	7.8	1.4	.2	.2	.2							9.7	3.6	2.0
140-160	5.9	1.2	.5	.3	.2							8.2	4.5	3.0
(S) 170-190	4.2	1.6	.2									5.9	3.9	4.0
200-220	2.3	.2										2.4	2.4	2.0
230-250	2.4		.2									2.6	2.7	2.0
(W) 260-280	1.4	.9										2.3	3.8	2.0
290-310	1.6	.7			.2							2.4	4.5	3.0
320-340	2.4	.9	.2									3.5	3.9	3.0
VARIABLE														
CALM	////////////////////											45.8	////////	
TOTALS	42.8	8.9	1.7	.5	.6							100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 576

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	1.7	.2									6.6	3.7	3.0
020-040	1.6											1.6	2.1	2.0
050-070	1.0	.2										1.2	3.2	3.0
(E) 080-100	2.3	1.0										3.3	3.7	3.5
110-130	7.0	1.9										8.9	3.4	3.0
140-160	4.2	1.1	.4	.1								5.9	4.1	3.0
(S) 170-190	3.8	.9										4.7	3.2	3.0
200-220	1.0	.1										1.1	3.0	3.0
230-250	.8	.1										.9	3.5	3.0
(W) 260-280	.6	.1										.7	2.0	1.5
290-310	1.4	.3										1.8	3.9	3.5
320-340	4.0	.9	.2									5.1	3.6	2.0
VARIABLE														
CALM	////////////////////////////////////											58.3	////////	
TOTALS	32.4	8.3	.8	.1								100.0	1.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.2	3.1										10.3	3.5	3.0
020-040	1.4	.2										1.7	2.6	2.0
050-070	.9	.3	.1									1.3	3.4	2.0
(E) 080-100	1.9	1.0										2.9	3.7	4.0
110-130	7.6	2.1										9.7	3.4	3.0
140-160	4.1	1.1										5.2	3.3	3.0
(S) 170-190	3.2	.4										3.7	3.2	3.0
200-220	.6											.6	2.0	2.0
230-250	.9											.9	2.0	2.0
(W) 260-280	.4											.4	1.3	1.0
290-310	1.4											1.4	2.5	3.0
320-340	4.6	1.1	.3									6.0	3.4	2.0
VARIABLE														
CALM	////////////////////////////////////											55.9	////////////////////////////////	
TOTALS	34.2	9.3	.4									100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	2.7	.9									12.4	4.3	3.5
020-040	4.2	1.1	.1									5.4	3.2	2.0
050-070	1.9	.2	.1									2.2	3.2	2.0
(E) 080-100	3.0	2.0	.4									5.4	4.6	4.0
110-130	9.1	4.7	.1									13.9		4.0
140-160	5.0	2.7	.4	.1								8.2	4.4	4.0
(S) 170-190	3.0	1.3										4.3	3.5	3.0
200-220	2.1											2.1	2.7	3.0
230-250	1.1	.2										1.3	2.7	2.0
(W) 260-280	.6	.2										.8	3.3	3.0
290-310	1.6	.1										1.7	2.7	2.0
320-340	4.0	1.7	.3									6.0	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											36.1	////////////////////////////////	
TOTALS	43.5	17.9	2.3	.1								100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.1	5.8	1.6									12.4	5.7	5.0
020-040	5.0	2.9	.1									8.0	4.1	4.0
050-070	3.6	2.1										5.7	3.9	4.0
(E) 080-100	3.6	1.4	.9	.1								6.0	5.4	4.0
110-130	3.6	6.2	1.8	.2								11.8	6.4	6.0
140-160	5.1	5.2	1.1									11.4	5.3	5.0
(S) 170-190	4.8	2.9	.3									8.0	4.6	4.0
200-220	4.7	2.2										6.9	3.8	3.5
230-250	3.1	2.0	.1									5.2	4.2	4.0
(W) 260-280	2.8	1.3										4.1	3.5	3.0
290-310	2.1	.9	.1									3.1	3.7	3.0
320-340	3.9	2.1	.9									6.9	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////////////////////////////	
TOTALS	47.4	35.0	6.9	.3								100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	6.7	1.3									13.9	5.4	5.0
020-040	2.8	3.6	.2									6.6	5.1	5.0
050-070	2.9	2.6										5.4	4.3	4.0
(E) 080-100	2.4	2.4	.7									5.6	5.1	5.0
110-130	3.6	5.3	.8	.2								9.9	6.0	6.0
140-160	4.6	4.7	.9									10.1	5.5	5.0
(S) 170-190	3.3	4.2	.4									8.0	5.0	5.0
200-220	3.4	2.1	.4									6.0	4.9	4.0
230-250	3.3	2.9	.2									6.4	4.5	4.0
(W) 260-280	3.0	1.2	.1									4.3	3.6	3.0
290-310	2.9	3.6	.2									6.7	5.2	5.0
320-340	4.4	6.8	2.0	.1								13.3	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	42.5	46.1	7.2	.3								100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	7.3	1.8									16.2	5.5	5.0
020-040	3.3	3.0	.3	.1								6.8	4.9	5.0
050-070	4.6	1.4	.6									6.6	4.4	4.0
(E) 080-100	4.4	2.2	.4									7.1	4.5	4.0
110-130	2.9	4.9	.8									8.6	5.7	5.0
140-160	2.8	5.0	.4									8.2	5.4	5.0
(S) 170-190	5.0	4.0	.6	.1								9.7	4.7	4.0
200-220	4.4	2.1	.1									6.7	4.2	4.0
230-250	2.3	1.4										3.8	4.0	4.0
(W) 260-280	1.3	1.3	.2									2.9	4.9	5.0
290-310	2.8	1.9	.2									4.9	4.5	4.0
320-340	4.6	6.0	2.0	.1								12.7	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////	
TOTALS	45.5	40.5	7.4	.3								100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	3.6	.7									10.6	4.3	4.0
020-040	4.8	.8										5.6	3.0	2.0
050-070	3.1	.9										4.0	3.0	2.0
(E) 080-100	3.3	1.2	.1									4.7	3.5	3.0
110-130	6.7	2.1	.1	.1								9.0	3.6	3.0
140-160	5.2	2.0	.1									7.3	3.8	3.5
(S) 170-190	2.8	2.0	.2									5.0	4.6	4.0
200-220	1.3	.3										1.7	3.5	4.0
230-250	.4	.1	.2									.8	5.1	3.0
(W) 260-280	1.0	.6	.1									1.7	3.9	2.0
290-310	1.8	.3										2.1	2.9	2.0
320-340	5.7	2.2	.4									8.3	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											39.3	////////////////////////////////	
TOTALS	42.4	16.1	1.9	.1								100.0	2.3	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.6	2.2	.2									8.0	3.9	3.5
020-040	1.9	.4										2.3	2.9	2.0
050-070	1.9	.4	.1									2.4	3.3	3.0
(E) 080-100	2.6	.3										2.9	2.6	2.0
110-130	10.0	1.4	.8									12.2	3.5	3.0
140-160	4.1	1.8	.2									6.1	3.9	3.0
(S) 170-190	2.3	1.9										4.2	4.4	4.0
200-220	.8	.3										1.1	3.8	4.0
230-250	.7	.1										.8	2.7	2.0
(W) 260-280	.8	.4										1.2	3.9	4.0
290-310	.7		.1									.8	3.3	2.0
320-340	3.4	1.1										4.6	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											53.3	////////	
TOTALS	34.8	10.3	1.4									100.0	1.7	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	4.3	.8									11.3	4.7	4.0
020-040	3.1	1.5	.1	.0								4.7	3.9	3.0
050-070	2.5	1.0	.1									3.6	3.8	3.0
(E) 080-100	2.9	1.5	.3	.0								4.7	4.3	4.0
110-130	6.3	3.6	.5	.1								10.5	4.5	4.0
140-160	4.4	2.9	.5	.0								7.8	4.6	4.0
(S) 170-190	3.5	2.2	.2	.0								5.9	4.3	4.0
200-220	2.3	.9	.1									3.3	4.0	4.0
230-250	1.6	.9	.1									2.5	4.0	4.0
(W) 260-280	1.3	.7	.1									2.0	3.7	3.0
290-310	1.8	.9	.1									2.8	4.1	4.0
320-340	4.3	2.7	.8	.0								7.9	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											32.9	////////	
TOTALS	40.2	23.1	3.7	.1								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS APB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	6.8	6.3	1.8								15.0	5.0	5.0
020-040	3.4	1.6									5.0	3.8	3.0
050-070	2.2	.4									2.5	3.1	3.0
(E) 080-100	4.9	1.1	.2								6.1	3.5	3.0
110-130	5.8	7.2	.4								13.3	5.2	5.0
140-160	2.5	6.1	.4								9.0	5.8	6.0
(S) 170-190	4.0	3.1									7.0	4.3	4.0
200-220	3.2	1.4									4.7	3.8	4.0
230-250	3.1	.4									3.4	2.5	2.0
(W) 260-280	1.4	.7									2.2	3.6	2.5
290-310	2.3	.4	.2								2.9	3.8	3.5
320-340	6.1	3.2	1.1								10.5	4.8	4.0
VARIABLE													
CALM	////////////////////										18.4	////////	
TOTALS	45.7	31.9	4.1								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	2.5	.9									11.2	4.2	3.0
020-040	.9	.5	.2									1.6	4.9	4.0
050-070	.3	.2	.6	.1								1.3	9.2	10.0
(E) 080-100	.6	.4	.2									1.3	5.1	4.5
110-130	6.3	1.1	.2	.1								7.7	3.3	3.0
140-160	4.4	1.9	.3									6.7	4.1	3.5
(S) 170-190	1.4	1.9	.2									3.5	5.7	5.0
200-220	1.0	.5	.1									1.6	4.9	4.0
230-250	.6											.6	2.5	2.5
(W) 260-280	1.0	.3										1.3	3.7	3.5
290-310	1.1	.4	.1									1.6	4.3	4.0
320-340	3.0	1.7	.5									5.3	4.9	3.0
VARIABLE														
CALM	////////////////////////////////////											56.2	////////	
TOTALS	28.4	11.4	3.3	.2								100.0	1.9	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.5	3.7	.3	.1								12.6	4.2	4.0
020-040	1.6	.3										1.9	3.3	3.0
050-070	.3	.3	.6									1.3	8.0	9.5
(E) 080-100	1.4	.2	.3	.1								2.0	4.8	3.0
110-130	6.2	2.0										8.3	3.4	3.0
140-160	2.6	1.5	.6									4.7	5.4	4.0
(S) 170-190	1.3	2.2	.2									3.7	5.2	5.0
200-220	1.1	.2										1.3	3.2	3.5
230-250	1.0	.3										1.3	2.8	2.0
(W) 260-280	.6	.4	.1									1.2	4.1	4.0
290-310	1.5	.5	.1									2.2	3.6	3.0
320-340	3.3	1.4	.3	.2								5.3	4.7	3.0
VARIABLE														
CALM	////////////////////////////////////											54.3	////////////////////////////////	
TOTALS	29.4	13.0	2.5	.4								100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	5.7	.9	.1								12.7	4.9	5.0
020-040	2.4	1.3										3.7	4.2	4.0
050-070	1.0	.5	.6									2.2	6.4	5.5
(E) 080-100	2.5	.4	.1	.1								3.1	3.8	3.0
110-130	7.0	3.7	1.0									11.6	4.3	4.0
140-160	6.2	3.3	.4									10.0	4.3	3.0
(S) 170-190	2.4	1.4										3.8	4.3	4.0
200-220	1.5	.1										1.6	2.7	2.0
230-250	.4	.5										1.0	4.1	5.0
(W) 260-280	.4	.2										.6	3.2	2.0
290-310	1.9	.5	.1									2.6	3.5	2.0
320-340	3.2	2.5	.6									6.3	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											40.9	////////	
TOTALS	34.9	20.1	3.7	.2								100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.6	5.9	1.7									12.3	6.0	6.0
020-040	3.4	4.3	.3	.2								8.3	5.6	5.0
050-070	2.2	.6	.9	.1								3.8	5.7	4.0
(E) 080-100	1.6	1.8	.1	.1								3.7	5.3	5.5
110-130	4.1	5.3	.4									9.8	5.3	5.0
140-160	6.8	7.4	2.5	.1								16.8	5.8	5.5
(S) 170-190	6.1	4.6	1.1	.1								11.9	4.9	4.0
200-220	3.0	2.5	.1									5.6	4.6	4.0
230-250	1.6	1.2	.3									3.1	4.7	4.0
(W) 260-280	1.2	1.0	.2									2.4	5.0	4.5
290-310	1.4	1.1	.3									2.8	5.3	4.5
320-340	3.1	3.8	.9									7.7	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											11.9	////////////////////////////////	
TOTALS	39.1	39.5	8.8	.6								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	7.8	2.5	.1								14.2	6.5	6.0
020-040	2.5	2.6	.2									5.3	5.0	5.0
050-070	1.6	1.1	.8									3.4	5.7	5.0
(E) 080-100	2.3	1.7	.2	.3								4.5	5.9	4.5
110-130	3.8	4.0	.6									8.4	5.3	5.0
140-160	4.1	6.8	1.6	.3								12.8	6.4	6.0
(S) 170-190	5.3	5.5	1.3	.1								12.2	5.5	5.0
200-220	4.8	2.0	.4									7.3	4.2	3.5
230-250	3.0	1.5	.3									4.8	4.4	4.0
(W) 260-280	1.8	1.5	.3									3.7	4.8	4.5
290-310	2.5	2.6	.9									5.9	5.8	5.0
320-340	3.2	4.8	1.8	.1								10.0	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											7.5	////////	
TOTALS	38.7	41.9	10.9	.9								100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.5	8.1	2.0	.1								17.7	5.6	5.0
020-040	3.8	1.6	.2									5.6	4.2	4.0
050-070	2.2	.9	.5	.1								3.7	5.4	4.0
(E) 080-100	3.2	1.2	.2	.1								4.7	4.3	3.0
110-130	5.2	4.3	.4									9.9	4.7	4.0
140-160	4.7	4.3	.8	.1								9.9	5.5	5.0
(S) 170-190	5.4	3.4	.9									9.7	4.7	4.0
200-220	3.8	1.3	.2		.1							5.4	4.1	3.0
230-250	2.4	.6	.1									3.1	3.6	4.0
(W) 260-280	1.2	1.3	.3									2.8	5.5	6.0
290-310	2.2	2.2	.2									4.5	4.7	5.0
320-340	4.5	4.4	1.5	.2								10.6	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											12.4	//////////	
TOTALS	46.1	33.6	7.3	.6	.1							100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.3	3.2	1.0									11.5	4.5	4.0
020-040	2.6	1.0	.1									3.7	3.6	3.0
050-070	.9	.4	.6	.1								2.0	6.8	5.0
(E) 080-100	2.3	.6	.2									3.1	4.1	3.0
110-130	6.9	3.0										9.9	3.7	4.0
140-160	5.3	1.9		.1								7.3	3.9	3.5
(S) 170-190	2.0	1.4	.1									3.5	4.6	4.0
200-220	1.2	.1										1.3	2.6	2.0
230-250	1.4											1.4	2.9	3.0
(W) 260-280	1.0	.1	.1									1.2	3.4	2.0
290-310	1.1	.6	.3									2.0	4.9	4.0
320-340	3.5	.9	.2									4.6	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											48.4	////////////////////////////////	
TOTALS	35.5	13.2	2.6	.2								100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	3.2	.5									10.5	4.5	4.0
020-040	.9	.3	.2									1.4	4.7	4.0
050-070	.8	.3	.8									1.8	7.2	8.0
(E) 080-100	1.0	.2	.2									1.4	4.4	4.0
110-130	6.7	2.3	.3									9.2	4.0	4.0
140-160	4.6	1.5	.5									6.7	4.2	4.0
(S) 170-190	1.1	2.4	.9									4.3	6.4	6.0
200-220	.8	.2										1.0	3.6	2.0
230-250	.5											.5	3.4	4.0
(W) 260-280	1.0	.2			.1							1.3	4.8	3.5
290-310	.5	.3	.2	.1								1.2	6.4	6.0
320-340	2.8	1.3	.1	.2								4.4	4.4	3.0
VARIABLE														
CALM	////////////////////											56.2	////////	
TOTALS	27.5	12.2	3.7	.3	.1							100.0	2.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	5.0	1.2	.1								12.8	5.1	4.0
020-040	2.2	1.5	.2	.0								3.9	4.6	4.0
050-070	1.1	.6	.7	.1								2.4	6.4	5.0
(E) 080-100	1.9	.8	.2	.1								3.0	4.8	4.0
110-130	5.8	3.2	.4	.0								9.4	4.3	4.0
140-160	4.8	3.6	.8	.1								9.4	5.2	4.0
(S) 170-190	3.1	2.8	.6	.0								6.6	5.2	5.0
200-220	2.1	.9	.1		.0							3.1	4.0	3.0
230-250	1.4	.5	.1									2.0	3.9	4.0
(W) 260-280	1.0	.6	.1		.0							1.8	4.6	4.0
290-310	1.5	1.0	.3	.0								2.8	4.9	4.0
320-340	3.3	2.6	.8	.1								6.8	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											36.0	////////////////////////////////	
TOTALS	34.7	23.1	5.5	.5								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.4	9.0	1.1	.1								16.6	5.5	5.0
020-040	1.5	1.2	.2									2.9	4.9	4.5
050-070	1.5	1.1	.9									3.5	6.4	6.0
(E) 080-100	1.6	1.2	1.1	.1								4.0	6.5	8.0
110-130	6.1	5.7	1.2	.1								13.1	5.5	5.0
140-160	5.0	5.0	1.8	.1								12.0	5.9	6.0
(S) 170-190	3.5	3.8	.6									7.8	5.5	5.0
200-220	2.2	.6	.2		.1							3.1	4.6	3.0
230-250	2.0	1.0										3.0	3.7	4.0
(W) 260-280	1.6	1.1	.2									2.9	4.7	4.0
290-310	1.3	1.1	.6	.1								3.1	6.0	5.0
320-340	2.1	5.5	1.1	.1								8.9	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////											18.9	////////////////////////////////	
TOTALS	34.8	36.3	9.0	.6	.1							100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	5.1	4.3	1.0									10.4	5.1	5.0	
020-040	1.2	.2	.1									1.6	4.2	4.0	
050-070	.1											.1	2.0	2.0	
(E) 080-100	1.8	.6										2.3	3.4	3.0	
110-130	4.3	3.0	1.2	.2								8.8	5.6	5.0	
140-160	4.7	4.1	1.2	.3	.1							10.4	6.1	5.0	
(S) 170-190	1.4	5.9	1.1	.2								8.7	6.9	6.0	
200-220	.6	.6										1.1	4.9	5.0	
230-250	1.1	.4										1.6	4.2	4.0	
(W) 260-280	.7	.6	.4	.1								1.8	6.7	5.0	
290-310	1.1	1.3	.6	.1								3.1	6.6	6.5	
320-340	3.0	1.8	1.1									5.9	5.6	4.0	
VARIABLE															
CALM	////////////////////////////////////											44.2	////////////////////////////////		
TOTALS	25.1	22.8	6.7	.9	.1							100.0	3.2	5.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	4.3	1.1	.1								12.7	5.2	4.0
020-040	1.0	.4										1.4	4.1	4.0
050-070	.4	.3										.8	4.0	4.0
(E) 080-100	2.0	.7										2.7	3.7	3.0
110-130	4.7	2.0	.9	.1								7.7	4.8	4.0
140-160	4.3	3.9	1.1	.2								9.6	5.8	5.0
(S) 170-190	1.6	4.0	1.0	.1								6.7	6.6	7.0
200-220	.4	.4	.1									1.0	5.7	5.0
230-250	1.0	.4	.4									1.9	6.3	4.0
(W) 260-280	1.6	1.4	.4	.1								3.6	6.0	6.0
290-310	2.0	1.0	.4									3.4	4.9	4.0
320-340	2.3	2.2	1.6									6.1	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											42.6	////////////////////////////////	
TOTALS	28.4	21.0	7.0	.6								100.0	3.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	5.0	2.1	.1								13.1	5.5	5.0
020-040	1.8	1.0										2.8	3.6	2.0
050-070	.9		.2									1.1	3.7	2.0
(E) 080-100	1.8	1.1										2.9	4.2	4.0
110-130	6.6	3.8	.8	.1								11.2	4.6	4.0
140-160	4.2	3.9	1.2	.3								9.7	6.1	6.0
(S) 170-190	1.8	3.3	.8		.1							6.0	6.4	6.0
200-220	1.0	.9	.2									2.1	5.0	5.0
230-250	1.6	.7										2.2	3.8	4.0
(W) 260-280	1.0	.9	.1	.2								2.2	6.0	5.0
290-310	1.3	2.2	1.0									4.6	6.4	6.0
320-340	3.6	2.7	.9									7.1	5.3	4.5
VARIABLE														
CALM	////////////////////////////////////											35.0	////////	
TOTALS	31.5	25.5	7.3	.7	.1							100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.2	6.6	2.6	.2								13.6	6.7	6.5
020-040	2.9	2.6	.2									5.7	4.6	4.0
050-070	2.9	.8	.1									3.8	3.4	3.0
(E) 080-100	2.7	1.1	.6									4.3	4.3	4.0
110-130	2.9	5.0	.9	.1								8.9	6.0	6.0
140-160	7.7	7.4	3.6	.9								19.6	6.6	6.0
(S) 170-190	3.2	5.8	2.9	.1								12.0	7.0	7.5
200-220	1.2	1.6	.3									3.1	5.6	5.5
230-250	1.6	.8	.1									2.4	4.2	3.0
(W) 260-280	1.4	2.3	.7	.1								4.6	6.4	7.0
290-310	1.6	1.2	1.6									4.3	7.1	8.0
320-340	2.4	3.2	2.7	.4								8.8	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											9.0	////////////////////////////////	
TOTALS	34.7	38.4	16.3	1.8								100.0	5.7	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	5.4	2.6	.4								13.3	6.4	6.0
020-040	1.4	1.3	.2									3.0	5.3	6.0
050-070	1.3	.2										1.6	4.1	4.0
(E) 080-100	1.8	.9										2.7	4.0	4.0
110-130	2.4	3.4	1.6	.2	.1							7.8	7.0	7.0
140-160	5.1	6.4	3.1	.2								14.9	6.6	6.0
(S) 170-190	3.7	7.3	3.7	.6	.2							15.4	7.7	7.0
200-220	1.9	2.7	1.3	.3								6.2	6.8	6.0
230-250	1.8	1.4	.8									4.0	5.5	5.0
(W) 260-280	1.2	2.8	1.1		.1							5.2	7.1	7.0
290-310	2.2	2.9	1.8									6.9	6.9	6.0
320-340	3.4	5.8	3.3	.2								12.8	7.3	8.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////	
TOTALS	31.1	40.5	19.5	1.9	.4							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	5.9	2.1									13.4	5.8	6.0
020-040	1.6	.6	.2									2.3	4.3	3.0
050-070	1.6	.1										1.7	2.6	2.0
(E) 080-100	1.4	1.1	.2									2.8	4.6	4.0
110-130	4.6	4.6	.8									9.9	5.3	5.0
140-160	5.3	7.7	1.9	.1	.3							15.3	6.4	6.0
(S) 170-190	3.9	3.7	1.7	.1								9.3	6.0	6.0
200-220	1.8	1.2	.3									3.3	4.8	4.0
230-250	2.3	1.0	.1									3.4	4.3	4.0
(W) 260-280	2.2	1.4	.2									3.9	4.7	4.0
290-310	2.4	3.4	1.0	.3								7.2	6.4	6.0
320-340	5.0	6.6	1.8	.4								13.8	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											13.6	////////	
TOTALS	37.5	37.3	10.3	.9	.3							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.4	.7	.1								9.2	5.3	5.0
020-040	1.1	.3										1.4	3.1	2.0
050-070	1.1	.3										1.4	3.1	2.0
(E) 080-100	1.8	1.2	.4									3.4	5.2	4.0
110-130	8.8	3.6	.9	.1								13.3	4.3	4.0
140-160	5.8	4.1	.9	.1								10.9	5.1	4.0
(S) 170-190	1.2	2.2	.7									4.1	6.0	5.0
200-220	.6	.3										.9	3.8	3.5
230-250	.6	.2										.8	3.0	2.0
(W) 260-280	1.2	.8										2.0	3.7	2.0
290-310	3.2	.9	.3	.3								4.8	4.7	4.0
320-340	3.3	2.9	.9	.4								7.6	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											40.1	////////	
TOTALS	32.7	21.2	4.8	1.0								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	4.3	.9									9.8	5.3	5.0
020-040	.8	.6	.1									1.4	4.4	4.0
050-070	.3	.2										.6	3.8	4.0
(E) 080-100	1.6	1.3	.1									3.0	4.7	4.0
110-130	5.9	2.2	1.7	.1								9.9	5.1	4.0
140-160	6.3	5.4	1.1	.1	.1							13.1	5.6	5.0
(S) 170-190	.9	2.9	2.1	.2	.2							6.3	8.4	8.0
200-220	.8	.4	.1									1.3	4.4	3.0
230-250		.2	.1									.3	8.0	7.0
(W) 260-280	1.0	.8	.1	.1								2.0	5.1	4.0
290-310	2.9	1.1	.4									4.4	4.4	3.0
320-340	1.9	2.4	1.0	.3								5.7	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											42.1	////////////////////////////////	
TOTALS	27.0	21.8	7.7	.8	.3							100.0	3.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.2	5.0	1.6	.1								11.9	5.7	5.0
020-040	1.5	.9	.1									2.5	4.3	4.0
050-070	1.1	.3	.0									1.4	3.4	3.0
(E) 080-100	1.8	1.0	.2									3.0	4.3	4.0
110-130	5.0	3.4	1.1	.1	.0							9.7	5.2	4.0
140-160	5.4	5.4	1.8	.3	.1							12.9	6.1	5.0
(S) 170-190	2.2	4.4	1.7	.2	.1							8.6	7.0	7.0
200-220	1.0	1.0	.3	.0								2.4	5.6	5.0
230-250	1.2	.7	.2									2.1	4.7	4.0
(W) 260-280	1.3	1.4	.4	.1	.0							3.2	5.9	6.0
290-310	2.1	1.8	.9	.1								4.8	6.0	5.0
320-340	3.1	3.4	1.7	.2								8.5	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											29.1	////////	
TOTALS	30.9	28.7	10.0	1.1	.2							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	4.1	7.2	1.9	.1								13.2	6.4	6.0
020-040	1.3	1.1										2.3	4.7	4.0
050-070	1.0	.5	.3									1.8	5.4	4.0
(E) 080-100	3.7	3.2	.5									7.5	4.9	4.5
110-130	5.2	8.8	3.0	.3								17.3	6.6	6.0
140-160	5.1	6.0	1.7	.3	.1							13.2	6.3	6.0
(S) 170-190	2.1	6.6	1.3		.1							10.1	7.0	7.0
200-220	1.6	1.2	.3	.2								3.3	5.8	5.0
230-250	1.0	.7	.2									1.9	5.7	4.5
(W) 260-280	.2	1.8	.7	.1								2.9	8.3	8.0
290-310	1.1	2.2	.7	.1								4.2	6.7	7.0
320-340	2.7	4.8	1.6	.3								9.4	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											12.8	////////////////////////////////	
TOTALS	29.1	44.1	12.2	1.4	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 937

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	5.3	2.1									13.3	5.6	5.0
020-040	2.1	.4	.2									2.7	3.9	3.0
050-070	1.3	.3	.1									1.7	3.9	4.0
(E) 080-100	.9	.4										1.3	3.6	3.0
110-130	5.7	2.0	1.0	.1								8.7	4.8	4.0
140-160	2.7	3.8	2.0	.2	.1							8.8	7.1	7.0
(S) 170-190	3.9	3.6	2.5	.4	.2							10.7	7.0	6.5
200-220	1.1	.5										1.6	4.2	4.0
230-250	.4	.1	.2	.1								.9	6.6	3.5
(W) 260-280	.7	.8		.1								1.5	5.2	5.0
290-310	1.0	1.6	.8	.1								3.5	6.8	6.0
320-340	3.3	3.2	1.9	.7								9.0	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											36.1	////////////////////////////////	
TOTALS	29.0	22.0	10.8	1.7	.3							100.0	3.8	5.0
TOTAL NUMBER OF OBSERVATIONS 916														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	5.1	2.5	.3								14.5	5.8	5.0
020-040	2.6	1.0	.2									3.8	3.7	3.0
050-070	1.5	.4	.1									2.1	3.6	2.0
(E) 080-100	1.1	.3	.1									1.5	3.7	2.5
110-130	5.5	2.4	.5	.1								8.5	4.6	4.0
140-160	3.7	2.8	1.6	.1								8.3	5.9	5.5
(S) 170-190	3.5	3.2	2.1	.3								9.1	6.5	6.0
200-220	1.1	.7	.1									1.9	4.4	4.0
230-250	.9	.2	.1									1.2	4.4	4.0
(W) 260-280	.7	.4	.7									1.7	6.9	7.5
290-310	2.3	1.9	.9	.3								5.4	6.2	5.0
320-340	4.0	1.7	2.0	.3	.1							8.2	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											33.8	////////////////////////////////	
TOTALS	33.5	20.1	10.9	1.4	.1							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	5.9	2.6	.1								16.2	5.6	5.0
020-040	3.5	1.1	.1									4.7	3.5	2.0
050-070	1.0	.2	.2									1.4	3.6	1.0
(E) 080-100	2.2	.9										3.1	3.6	3.5
110-130	6.3	3.6	1.5	.2								11.7	5.2	4.0
140-160	4.0	2.3	1.6	.1								8.1	5.5	4.5
(S) 170-190	3.3	3.4	1.3									8.0	5.6	6.0
200-220	1.4	.9	.2									2.5	5.0	4.0
230-250	1.0	.5	.1									1.6	4.8	4.0
(W) 260-280	.5	1.0	.4									2.0	6.1	5.5
290-310	1.3	2.4	.8	.1								4.6	6.6	6.5
320-340	1.7	3.9	1.2	.4								7.3	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											28.9	////////	
TOTALS	33.7	26.1	10.0	.9								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.8	8.0	3.8	.2								16.8	6.7	6.0
020-040	5.3	1.3	.3									6.9	4.0	3.0
050-070	1.4	.8	.1									2.3	4.5	4.0
(E) 080-100	2.3	1.3	.1									3.7	4.0	4.0
110-130	4.2	4.5	1.5	.2	.1							10.5	6.3	6.0
140-160	2.8	6.5	2.3	.5								12.1	7.3	7.0
(S) 170-190	3.3	5.5	1.9	.1								10.7	6.4	6.0
200-220	2.5	2.4	.4									5.4	5.4	5.0
230-250	1.8	1.1	.4									3.3	5.2	4.0
(W) 260-280	.9	2.1	.5	.2								3.7	7.2	8.0
290-310	1.3	1.6	.9	.4	.1							4.4	7.6	6.0
320-340	2.6	4.3	3.6	.3	.2							11.1	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											9.1	////////////////////////////////	
TOTALS	33.2	39.4	15.8	1.9	.4							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	7.3	3.2									14.9	6.5	6.0
020-040	2.4	1.5	.1									4.1	4.4	4.0
050-070	2.2	.3										2.5	3.1	3.0
(E) 080-100	1.0	1.1	.1	.1								2.3	5.4	5.0
110-130	1.6	3.3	1.6									6.6	7.1	7.0
140-160	2.7	6.8	3.5	.2								13.3	7.5	7.0
(S) 170-190	2.7	6.8	1.6	.1								11.3	6.9	7.0
200-220	2.2	2.2	1.5									5.9	6.2	6.0
230-250	1.6	2.1	.8									4.5	6.3	6.0
(W) 260-280	1.3	2.2	1.1	.2								4.8	7.3	8.0
290-310	2.0	3.6	2.0	.8								8.3	7.8	7.0
320-340	3.1	7.7	3.6	.8	.1							15.2	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////////////////////////////	
TOTALS	27.2	44.9	19.1	2.2	.1							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	8.2	2.7	.3	.1							16.3	6.6	6.0
020-040	2.3	.9	.1									3.3	3.5	3.0
050-070	2.0	.7										2.6	3.3	3.0
(E) 080-100	1.1	.3										1.4	3.5	2.0
110-130	2.2	5.0	1.0									8.2	6.3	6.0
140-160	3.8	6.0	1.6	.7								12.2	6.8	6.0
(S) 170-190	3.0	5.5	1.1									9.5	6.1	6.0
200-220	2.4	2.0	.7									5.0	5.1	5.0
230-250	1.2	1.1	.2									2.5	4.8	5.0
(W) 260-280	1.9	1.9	.9	.2								4.8	6.2	6.0
290-310	1.9	3.3	1.8	.1								7.0	7.1	7.5
320-340	4.6	7.1	2.7	.8	.3							15.6	7.1	6.0
VARIABLE														
CALM	////////////////////											11.4	////////	
TOTALS	31.3	42.0	12.8	2.1	.4							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65			
(N) 350-010	5.9	5.8	1.8	.1								13.6	5.8	5.0
020-040	2.0	.7	.1									2.7	3.9	3.0
050-070	1.2											1.2	2.2	2.0
(E) 080-100	1.0	.7	.3									2.0	4.8	4.5
110-130	4.7	4.1	1.4									10.2	5.5	5.0
140-160	4.6	4.4	2.1	.8								11.8	6.7	6.0
(S) 170-190	2.9	2.5	.7									6.0	5.2	5.0
200-220	1.0	.5										1.5	3.9	4.0
230-250	.4	.1	.2									.8	5.9	4.0
(W) 260-280	.9	1.0	.1	.1								2.1	5.7	6.0
290-310	2.7	1.3	.5									4.6	4.9	4.0
320-340	4.8	3.1	2.4	.3	.2							10.9	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											32.6	////////	
TOTALS	32.1	24.2	9.6	1.3	.2							100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	5.7	2.1									13.8	5.7	5.0
020-040	2.3	.7	.1									3.1	3.6	3.0
050-070	.9	.5										1.4	3.9	4.0
(E) 080-100	1.0	.5										1.5	4.0	4.0
110-130	2.7	2.4	1.3	.1								6.6	6.0	5.0
140-160	3.7	4.8	2.6	.5	.1							11.8	7.1	6.0
(S) 170-190	2.3	3.6	2.0	.3	.1							8.3	7.6	8.0
200-220	1.0	.3										1.3	3.3	2.0
230-250	.8	.7	.1									1.5	4.1	4.5
(W) 260-280	.8	.4	.2									1.4	5.1	4.0
290-310	2.0	1.3	1.0	.2								4.5	6.2	5.0
320-340	2.4	3.3	1.5	.7								7.9	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											36.7	////////	
TOTALS	25.9	24.2	10.9	1.8	.2							100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.8	6.4	2.6	.1	.0							14.9	6.1	6.0
020-040	2.8	.9	.2									3.9	3.8	3.0
050-070	1.4	.4	.1									1.9	3.5	3.0
(E) 080-100	1.3	.7	.1	.0								2.1	4.1	4.0
110-130	4.1	3.4	1.2	.1	.0							8.9	5.7	5.0
140-160	3.5	4.7	2.2	.4	.0							10.8	6.8	6.0
(S) 170-190	3.1	4.3	1.6	.2	.0							9.2	6.5	6.0
200-220	1.6	1.2	.4									3.1	5.1	4.0
230-250	1.0	.7	.3	.0								2.0	5.3	5.0
(W) 260-280	.9	1.2	.5	.1								2.8	6.5	6.0
290-310	1.8	2.1	1.1	.3	.0							5.3	6.8	6.0
320-340	3.3	4.3	2.4	.5	.1							10.6	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											24.4	////	////
TOTALS	30.6	30.3	12.7	1.7	.1							100.0	4.6	6.0

TOTAL NUMBER OF OBSERVATIONS 7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	9.2	4.7	.1								19.5	6.8	7.0
020-040	3.1	1.2	.2									4.5	4.0	4.0
050-070	2.3	.5	.3									3.2	4.1	4.0
(E) 080-100	2.0	1.2	.3									3.5	4.2	4.0
110-130	4.8	5.4	1.6									11.8	5.7	5.0
140-160	2.5	6.6	2.2	.1								11.5	7.2	8.0
(S) 170-190	3.1	6.5	2.2	.6								12.4	7.1	7.0
200-220	1.6	.6	.2									2.3	4.5	4.0
230-250	.8	.3	.3									1.3	5.5	4.0
(W) 260-280	.9	1.6	.3									2.8	5.9	6.0
290-310	1.5	2.3	1.6	.3								5.7	7.9	8.0
320-340	2.8	3.9	3.5	.9								11.2	8.2	7.0
VARIABLE														
CALM	////////////////////////////////////											10.3	////////	
TOTALS	30.9	39.3	17.4	2.0								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 1158

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	4.4	1.3	.1	.0	.0						10.8	5.4	5.0
020-040	2.5	1.2	.1	.0	.0							3.8	4.1	4.0
050-070	1.8	.6	.1	.0								2.5	3.8	3.0
(E) 080-100	2.1	.9	.2	.0								3.1	4.1	4.0
110-130	5.0	2.6	.6	.1	.0	.0						8.2	4.6	4.0
140-160	4.6	3.6	1.1	.2	.0			.0				9.4	5.5	5.0
(S) 170-190	3.8	3.6	1.2	.1	.0							8.6	5.7	5.0
200-220	2.5	1.6	.4	.0	.0							4.6	4.9	4.0
230-250	1.9	1.0	.3	.0	.0							3.2	4.6	4.0
(W) 260-280	1.7	1.3	.4	.1	.0							3.4	5.3	5.0
290-310	2.2	1.8	.7	.1	.0							4.9	5.8	5.0
320-340	3.4	3.1	1.3	.2	.0							8.0	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											29.4	////////////////////////////////	
TOTALS	36.6	25.7	7.7	.9								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS: 87460

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	7.7	2.3	.2	.0							15.1	6.2	6.0
020-040	2.5	1.5	.2	.0								4.2	4.5	4.0
050-070	2.4	.9	.2	.0								3.5	4.0	3.0
(E) 080-100	2.7	1.5	.5	.0								4.7	4.7	4.0
110-130	4.4	4.8	1.5	.1	.0	.0						10.9	5.9	5.0
140-160	4.1	5.0	1.6	.2	.0							11.0	6.2	6.0
(S) 170-190	3.7	4.3	1.3	.2	.0							9.5	6.1	6.0
200-220	2.1	1.1	.3	.0	.0							3.6	4.8	4.0
230-250	1.6	.6	.2	.0								2.4	4.4	4.0
(W) 260-280	1.0	1.4	.4	.1	.0							2.8	6.1	6.0
290-310	1.8	2.1	1.0	.2	.0							5.2	6.7	6.0
320-340	3.0	4.2	2.0	.4	.0							9.7	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////	
TOTALS	34.3	35.1	11.5	1.4								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS: 9169

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTT	DDDDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	DD DD
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8.....BROKEN
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

D - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	47.5	49.1	50.4	51.6	52.0	52.2	52.2	52.2	52.3	52.4	52.4	52.4	52.6	52.6	52.8
GE 20000	48.8	50.9	52.9	54.2	55.5	55.9	56.2	56.2	56.2	56.4	56.5	56.5	56.5	56.8	56.8	57.0
GE 18000	48.9	51.0	53.1	54.4	55.7	56.1	56.4	56.4	56.4	56.6	56.7	56.7	56.7	57.0	57.0	57.3
GE 16000	48.9	51.0	53.1	54.4	55.7	56.1	56.4	56.4	56.4	56.6	56.7	56.7	56.7	57.0	57.0	57.3
GE 14000	49.3	51.4	53.6	54.9	56.2	56.5	56.8	56.8	56.8	57.0	57.2	57.2	57.2	57.5	57.5	57.7
GE 12000	50.0	52.1	54.2	55.5	56.8	57.2	57.5	57.5	57.5	57.7	57.8	57.8	57.8	58.1	58.1	58.4
GE 10000	51.5	53.6	55.7	57.0	58.4	58.7	59.0	59.0	59.0	59.2	59.3	59.3	59.3	59.7	59.7	59.9
GE 9000	52.5	54.6	56.7	58.0	59.3	59.7	60.1	60.1	60.1	60.3	60.4	60.4	60.4	60.7	60.7	61.0
GE 8000	54.4	56.9	59.1	60.4	61.7	62.0	62.5	62.5	62.5	62.7	62.8	62.8	62.8	63.1	63.1	63.3
GE 7000	55.1	57.6	59.8	61.1	62.4	62.7	63.1	63.1	63.1	63.3	63.4	63.4	63.4	63.8	63.8	64.0
GE 6000	56.1	58.9	61.1	62.4	63.7	64.0	64.4	64.4	64.4	64.6	64.8	64.8	64.8	65.1	65.1	65.3
GE 5000	58.1	61.1	63.4	64.8	66.2	66.5	66.9	66.9	66.9	67.1	67.2	67.2	67.2	67.6	67.6	67.8
GE 4500	58.8	62.0	64.4	65.7	67.2	67.6	68.0	68.0	68.1	68.3	68.4	68.4	68.4	68.8	68.8	69.0
GE 4000	59.8	63.1	65.6	67.1	68.7	69.0	69.4	69.4	69.5	69.7	69.8	69.8	69.8	70.2	70.2	70.4
GE 3500	60.8	64.3	66.9	68.4	70.1	70.5	70.9	70.9	71.0	71.3	71.4	71.4	71.4	71.7	71.7	71.9
GE 3000	62.3	66.1	68.8	70.6	72.3	72.8	73.2	73.2	73.3	73.5	73.6	73.6	73.6	74.0	74.0	74.2
GE 2500	63.1	67.1	70.3	72.8	74.6	75.2	75.8	75.8	75.9	76.1	76.2	76.2	76.2	76.6	76.6	76.9
GE 2000	64.6	68.9	72.1	75.1	77.3	78.0	79.0	79.0	79.1	79.3	79.4	79.4	79.4	79.7	79.7	80.0
GE 1800	65.4	69.8	73.2	76.2	78.5	79.3	80.3	80.3	80.4	80.6	80.7	80.7	80.7	81.0	81.0	81.3
GE 1500	66.5	71.0	74.6	78.1	80.5	81.2	82.2	82.5	82.6	82.9	83.0	83.0	83.0	83.3	83.3	83.6
GE 1200	67.4	72.0	75.9	79.4	81.9	82.6	83.6	83.9	84.1	84.3	84.4	84.4	84.4	84.7	84.7	85.0
GE 1000	67.6	72.6	77.5	81.1	83.7	84.6	85.6	85.9	86.0	86.2	86.3	86.3	86.3	86.7	86.7	87.0
GE 900	68.0	73.2	78.4	82.1	85.0	85.9	86.9	87.2	87.3	87.5	87.6	87.6	87.6	88.0	88.0	88.3
GE 800	68.3	73.8	79.1	82.8	85.9	86.8	88.0	88.3	88.4	88.6	88.7	88.7	88.7	89.0	89.0	89.4
GE 700	68.8	74.2	79.6	83.5	86.9	88.0	89.5	89.8	89.9	90.1	90.2	90.2	90.2	90.6	90.6	90.9
GE 600	69.1	74.6	80.6	84.9	89.2	90.3	92.0	92.4	92.5	92.7	92.8	92.8	92.8	93.2	93.2	93.5
GE 500	69.2	74.8	80.9	85.5	90.5	91.6	93.5	94.1	94.4	94.6	94.7	94.7	94.7	95.0	95.0	95.3
GE 400	69.2	75.1	81.1	86.1	92.4	93.7	96.0	96.6	96.9	97.1	97.2	97.2	97.3	97.6	97.7	98.0
GE 300	69.2	75.1	81.1	86.1	92.5	93.8	96.2	97.0	97.2	97.4	97.6	97.6	97.7	98.3	98.4	98.7
GE 200	69.2	75.1	81.1	86.1	92.5	93.8	96.5	97.4	97.6	97.8	98.0	98.2	98.3	98.9	99.0	99.5
GE 100	69.2	75.1	81.1	86.1	92.5	93.8	96.5	97.4	97.6	97.8	98.0	98.2	98.4	99.1	99.2	99.9
GE 000	69.2	75.1	81.1	86.1	92.5	93.8	96.5	97.4	97.6	97.8	98.0	98.2	98.4	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	42.4	45.2	47.4	48.7	48.9	49.5	49.7	49.8	49.9	49.9	49.9	49.9	50.0	50.2	50.4
GE 20000	43.4	45.5	48.5	50.9	52.5	52.7	53.2	53.5	53.6	53.7	53.7	53.7	53.7	53.8	54.0	54.2
GE 18000	43.6	45.7	48.7	51.1	52.7	52.9	53.5	53.7	53.8	53.9	53.9	53.9	53.9	54.0	54.2	54.4
GE 16000	43.6	45.7	48.7	51.1	52.7	52.9	53.5	53.7	53.8	53.9	53.9	53.9	53.9	54.0	54.2	54.4
GE 14000	44.2	46.2	49.2	51.6	53.2	53.5	54.0	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.8	55.0
GE 12000	44.7	46.8	49.8	52.2	53.8	54.0	54.5	54.8	54.9	55.0	55.0	55.0	55.0	55.1	55.3	55.5
GE 10000	47.1	49.1	52.2	54.5	56.2	56.4	56.9	57.1	57.3	57.4	57.4	57.4	57.4	57.5	57.7	57.9
GE 9000	47.8	49.9	52.9	55.4	57.0	57.3	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.5	58.8
GE 8000	49.2	51.5	54.5	57.0	58.7	58.9	59.4	59.6	59.7	59.8	59.8	59.8	59.8	60.0	60.2	60.4
GE 7000	50.2	52.5	55.5	58.0	59.6	59.8	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.9	61.1	61.4
GE 6000	50.9	53.1	56.4	58.9	60.5	60.7	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.8	62.0	62.2
GE 5000	51.6	54.4	57.8	60.3	61.9	62.1	62.7	62.9	63.0	63.1	63.1	63.1	63.1	63.2	63.4	63.6
GE 4500	52.6	55.6	59.1	61.7	63.4	63.6	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.9	65.2
GE 4000	53.4	56.4	60.0	62.9	64.6	64.8	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.9	66.1	66.3
GE 3500	54.5	58.0	61.6	64.5	66.2	66.5	67.0	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.7	68.0
GE 3000	56.6	60.2	64.0	66.9	68.7	68.9	69.5	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.2	70.5
GE 2500	58.5	62.8	67.1	70.0	71.9	72.2	72.7	72.9	73.1	73.2	73.2	73.2	73.2	73.3	73.5	73.7
GE 2000	59.6	64.2	68.8	72.0	74.1	74.5	75.1	75.4	75.6	75.8	75.8	75.8	75.8	75.9	76.1	76.3
GE 1800	60.3	64.9	69.6	73.4	75.6	76.0	76.6	76.9	77.2	77.3	77.3	77.3	77.3	77.4	77.6	77.8
GE 1500	61.5	66.5	71.3	75.2	77.9	78.2	78.9	79.3	79.5	79.7	79.7	79.7	79.7	79.8	80.0	80.2
GE 1200	63.1	68.6	73.7	77.7	80.7	81.2	81.8	82.3	82.5	82.6	82.6	82.6	82.6	82.7	82.9	83.1
GE 1000	63.5	69.4	75.6	80.1	83.2	83.9	84.5	85.0	85.2	85.3	85.3	85.3	85.3	85.4	85.6	85.8
GE 900	63.6	69.5	75.9	80.8	84.0	84.6	85.3	85.7	85.9	86.0	86.0	86.0	86.0	86.1	86.4	86.6
GE 800	63.9	69.7	76.2	81.3	85.0	85.7	86.4	86.8	87.0	87.1	87.1	87.1	87.1	87.2	87.4	87.7
GE 700	63.9	69.8	76.4	81.7	85.9	86.7	87.6	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.6	88.9
GE 600	64.1	70.1	76.8	83.1	87.8	88.9	90.6	91.1	91.3	91.5	91.6	91.6	91.6	91.7	91.9	92.1
GE 500	64.3	70.5	77.2	83.9	88.7	89.8	91.8	92.5	92.7	92.9	93.0	93.0	93.0	93.1	93.3	93.5
GE 400	64.4	70.7	77.4	84.7	90.5	92.0	94.3	95.2	95.5	95.6	95.8	95.8	95.8	95.9	96.1	96.3
GE 300	64.5	70.9	77.7	85.3	91.2	93.0	95.9	97.0	97.4	97.5	97.7	97.7	97.7	97.9	98.2	98.5
GE 200	64.5	70.9	77.7	85.3	91.2	93.0	95.9	97.0	97.4	97.5	97.8	97.8	97.8	98.1	98.5	98.9
GE 100	64.5	70.9	77.7	85.3	91.2	93.0	96.0	97.2	97.7	97.9	98.3	98.3	98.3	98.6	99.0	99.7
GE 000	64.5	70.9	77.7	85.3	91.2	93.0	96.0	97.2	97.7	97.9	98.3	98.3	98.3	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

D - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.8	39.1	41.5	43.2	44.4	44.8	45.6	45.7	45.8	45.8	46.0	46.0	46.1	46.2	46.2	46.4
GE 20000	37.4	42.1	45.0	46.9	48.3	48.8	49.8	50.0	50.1	50.1	50.3	50.3	50.4	50.5	50.5	50.9
GE 18000	37.6	42.2	45.1	47.0	48.4	48.9	49.9	50.1	50.2	50.2	50.4	50.4	50.5	50.6	50.6	51.0
GE 16000	37.6	42.2	45.1	47.0	48.4	48.9	49.9	50.1	50.2	50.2	50.4	50.4	50.5	50.6	50.6	51.0
GE 14000	38.2	42.9	45.8	47.6	49.0	49.6	50.5	50.8	50.9	50.9	51.1	51.1	51.2	51.3	51.3	51.6
GE 12000	38.9	43.5	46.4	48.3	49.7	50.2	51.2	51.4	51.5	51.5	51.7	51.7	51.8	51.9	51.9	52.3
GE 10000	41.2	46.2	49.2	51.2	52.7	53.2	54.2	54.4	54.5	54.5	54.8	54.8	54.9	55.0	55.0	55.3
GE 9000	41.7	46.8	49.8	51.7	53.4	54.0	55.0	55.2	55.3	55.3	55.5	55.5	55.6	55.7	55.7	56.1
GE 8000	43.7	49.1	52.2	54.1	55.7	56.4	57.4	57.6	57.7	57.7	57.9	57.9	58.0	58.1	58.1	58.4
GE 7000	44.3	49.7	52.7	54.9	56.5	57.1	58.1	58.3	58.4	58.4	58.7	58.7	58.8	58.9	58.9	59.2
GE 6000	44.9	50.4	53.5	55.6	57.3	57.9	58.9	59.1	59.2	59.2	59.4	59.4	59.5	59.6	59.6	60.0
GE 5000	45.8	51.5	54.9	57.0	58.7	59.3	60.3	60.5	60.6	60.6	60.8	60.8	60.9	61.0	61.0	61.4
GE 4500	47.2	53.0	56.4	58.9	60.5	61.1	62.1	62.3	62.4	62.4	62.7	62.7	62.8	62.9	62.9	63.2
GE 4000	48.2	54.1	57.8	60.4	62.0	62.7	63.6	63.9	64.0	64.0	64.2	64.2	64.3	64.4	64.4	64.7
GE 3500	49.9	56.0	59.6	62.2	63.9	64.5	65.5	65.7	65.8	65.8	66.0	66.0	66.1	66.2	66.2	66.6
GE 3000	51.3	57.6	61.3	63.9	65.5	66.1	67.1	67.3	67.4	67.4	67.6	67.6	67.7	67.9	67.9	68.2
GE 2500	53.0	59.8	63.9	66.8	68.6	69.3	70.3	70.6	70.7	70.7	70.9	70.9	71.0	71.1	71.1	71.4
GE 2000	54.4	61.7	66.1	69.5	71.6	72.3	73.4	73.6	73.7	73.7	73.9	73.9	74.0	74.1	74.1	74.5
GE 1800	55.0	62.3	66.9	70.2	72.8	73.5	74.8	75.0	75.1	75.1	75.3	75.3	75.4	75.5	75.5	75.9
GE 1500	56.6	64.3	68.9	72.5	75.4	76.2	77.7	77.9	78.0	78.0	78.2	78.2	78.4	78.5	78.5	78.8
GE 1200	57.6	65.4	70.1	73.9	76.9	77.8	79.4	79.7	79.8	79.8	80.0	80.0	80.1	80.2	80.2	80.5
GE 1000	58.2	66.3	72.0	76.2	79.2	80.3	81.9	82.3	82.4	82.4	82.6	82.6	82.7	82.8	82.8	83.1
GE 900	58.8	67.0	72.6	77.5	80.8	82.0	83.7	84.0	84.1	84.1	84.3	84.3	84.4	84.5	84.5	84.8
GE 800	58.8	67.2	72.9	77.9	81.7	82.9	84.7	85.1	85.2	85.2	85.4	85.4	85.6	85.7	85.7	86.0
GE 700	59.0	67.4	73.4	78.6	82.7	83.9	86.5	86.9	87.0	87.0	87.2	87.2	87.4	87.7	87.7	88.0
GE 600	59.0	67.7	74.0	79.5	84.5	85.7	89.1	89.5	89.6	89.7	89.9	89.9	90.4	90.6	90.6	90.9
GE 500	59.0	68.0	74.5	80.5	85.9	87.2	91.1	91.9	92.1	92.2	92.4	92.4	92.9	93.1	93.1	93.4
GE 400	59.1	68.2	74.7	81.0	87.4	89.1	93.1	94.0	94.4	94.7	94.9	94.9	95.3	95.6	95.6	95.9
GE 300	59.1	68.3	74.8	81.7	88.4	90.0	94.2	95.5	96.0	96.5	97.0	97.0	97.6	97.9	97.9	98.4
GE 200	59.1	68.3	74.8	81.7	88.5	90.2	94.3	95.7	96.2	96.9	97.4	97.4	98.3	98.7	98.8	99.2
GE 100	59.1	68.3	74.8	81.7	88.5	90.2	94.3	95.7	96.2	96.9	97.4	97.4	98.4	98.8	99.0	99.7
GE 000	59.1	68.3	74.8	81.7	88.5	90.2	94.3	95.7	96.2	96.9	97.4	97.4	98.4	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.9	43.3	44.5	45.1	45.2	45.3	45.5	45.6	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9
GE 20000	45.2	47.7	49.2	50.0	50.1	50.3	50.5	50.6	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.1
GE 18000	45.8	48.3	49.8	50.5	50.6	50.9	51.1	51.2	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.6
GE 16000	45.8	48.3	49.8	50.5	50.6	50.9	51.1	51.2	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.6
GE 14000	46.1	48.6	50.1	50.9	51.0	51.2	51.4	51.5	51.6	51.7	51.8	51.8	51.8	51.9	51.9	51.9
GE 12000	47.2	49.7	51.4	52.2	52.3	52.5	52.7	52.8	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.2
GE 10000	49.5	51.9	53.7	54.5	54.7	54.9	55.1	55.2	55.3	55.4	55.5	55.5	55.5	55.6	55.6	55.6
GE 9000	49.9	52.4	54.1	55.0	55.1	55.3	55.5	55.6	55.7	55.8	56.0	56.0	56.0	56.1	56.1	56.1
GE 8000	52.1	54.8	56.5	57.4	57.5	57.7	57.9	58.0	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4
GE 7000	53.2	56.3	58.0	59.0	59.1	59.3	59.5	59.6	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.1
GE 6000	54.2	57.4	59.1	60.1	60.2	60.4	60.6	60.7	60.8	60.9	61.0	61.0	61.0	61.1	61.1	61.1
GE 5000	55.4	58.7	60.4	61.4	61.5	61.7	61.9	62.0	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.4
GE 4500	56.6	60.2	61.9	62.9	63.0	63.2	63.4	63.5	63.6	63.7	63.9	63.9	63.9	64.0	64.0	64.0
GE 4000	59.0	62.6	64.3	65.4	65.7	65.9	66.1	66.2	66.3	66.5	66.6	66.6	66.6	66.7	66.7	66.7
GE 3500	59.8	63.4	65.3	66.7	67.0	67.2	67.4	67.5	67.6	67.7	67.9	67.9	67.9	68.0	68.0	68.0
GE 3000	60.9	64.7	66.6	68.1	68.4	68.6	68.8	68.9	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5
GE 2500	62.0	66.2	68.2	69.9	70.2	70.5	70.7	70.8	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3
GE 2000	64.3	68.9	70.9	72.8	73.3	73.7	73.9	74.0	74.2	74.4	74.5	74.5	74.5	74.6	74.6	74.6
GE 1800	64.8	70.2	72.3	74.2	74.7	75.1	75.3	75.4	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.0
GE 1500	66.0	72.2	74.2	76.4	76.9	77.5	77.7	77.8	78.0	78.1	78.2	78.2	78.2	78.4	78.4	78.4
GE 1200	67.5	74.0	76.8	79.4	80.0	80.6	81.0	81.1	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6
GE 1000	68.4	75.2	78.2	81.2	82.3	82.9	83.2	83.3	83.5	83.7	83.8	83.8	83.8	83.9	83.9	83.9
GE 900	68.8	76.1	79.2	82.3	83.4	84.3	84.6	84.7	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3
GE 800	69.5	77.4	80.5	84.1	86.3	87.3	87.7	87.8	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3
GE 700	69.7	77.9	81.4	85.6	88.4	89.6	90.0	90.2	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8
GE 600	69.8	78.5	82.1	86.6	89.9	91.6	92.2	92.7	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.6
GE 500	69.8	78.6	82.4	87.3	91.5	93.2	93.9	94.8	95.3	95.7	95.8	95.8	95.8	95.9	95.9	95.9
GE 400	69.9	78.8	82.6	87.8	92.1	93.9	95.1	96.9	97.5	97.8	98.1	98.1	98.1	98.3	98.3	98.4
GE 300	69.9	78.8	82.6	87.8	92.4	94.5	95.9	97.8	98.5	99.0	99.2	99.2	99.2	99.5	99.5	99.6
GE 200	69.9	78.8	82.6	87.8	92.5	94.6	96.0	97.9	98.6	99.1	99.5	99.6	99.7	99.9	99.9	100.0
GE 100	69.9	78.8	82.6	87.8	92.5	94.6	96.0	97.9	98.6	99.1	99.5	99.6	99.7	99.9	99.9	100.0
GE 000	69.9	78.8	82.6	87.8	92.5	94.6	96.0	97.9	98.6	99.1	99.5	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	43.7	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	50.8	51.5	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 18000	51.2	51.9	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	51.2	51.9	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 14000	51.4	52.2	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	53.0	53.8	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	56.1	56.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	56.7	57.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	59.0	60.0	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	60.0	61.1	62.3	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 6000	60.5	61.7	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 5000	62.2	63.4	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500	63.2	64.4	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	64.6	65.8	67.4	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 3500	65.8	67.1	68.8	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3000	68.0	69.4	71.1	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2500	69.7	71.2	73.5	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2000	72.4	74.0	76.4	76.8	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1800	72.6	74.6	76.9	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1500	74.9	77.5	80.3	81.0	81.3	81.4	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1200	77.2	80.5	83.7	84.7	85.3	85.4	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	78.1	82.1	85.8	87.1	87.9	88.0	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	78.7	82.9	86.7	88.0	89.0	89.6	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	79.1	84.0	88.2	89.8	91.0	91.9	92.1	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	79.7	84.6	89.1	90.7	92.3	93.3	93.6	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 600	79.9	84.8	89.4	91.1	93.3	94.3	94.7	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	79.9	84.8	89.5	92.0	94.5	95.6	96.1	96.5	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 400	79.9	84.8	89.5	92.1	94.9	96.2	96.8	97.5	97.9	98.3	98.3	98.3	98.6	98.6	98.6	98.6
GE 300	79.9	85.0	89.8	92.4	95.2	96.8	97.3	98.5	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 200	79.9	85.0	89.8	92.4	95.2	96.8	97.3	98.5	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	79.9	85.0	89.8	92.4	95.2	96.8	97.3	98.5	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	79.9	85.0	89.8	92.4	95.2	96.8	97.3	98.5	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	52.4	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	53.0	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	53.0	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	53.6	54.5	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 12000	55.1	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 10000	58.1	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000	58.8	59.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	61.8	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000	62.9	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	63.5	64.8	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	64.8	66.1	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	66.3	67.6	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	68.3	69.6	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3500	69.9	71.4	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	72.2	73.9	74.6	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2500	73.8	76.2	76.8	77.4	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2000	76.3	79.3	80.2	80.8	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	76.8	80.3	81.4	82.3	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	79.0	82.9	84.1	85.2	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	80.6	85.5	86.8	88.0	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	81.0	86.1	87.6	89.1	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	81.2	86.7	88.2	89.9	91.5	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	81.7	87.6	89.3	91.0	92.7	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	81.8	87.8	89.5	91.5	93.6	94.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	81.9	88.0	89.9	91.9	94.2	95.6	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	81.9	88.0	89.9	91.9	94.7	96.1	97.3	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	81.9	88.0	89.9	92.0	94.8	96.4	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1
GE 300	81.9	88.0	89.9	92.0	94.8	96.4	98.7	99.4	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8
GE 200	81.9	88.0	89.9	92.0	94.8	96.4	98.7	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0
GE 100	81.9	88.0	89.9	92.0	94.8	96.4	98.7	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0
GE 000	81.9	88.0	89.9	92.0	94.8	96.4	98.7	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	47.9	48.2	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	51.8	53.5	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	52.3	53.9	54.1	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000	52.3	53.9	54.1	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	53.4	55.1	55.3	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	54.7	56.4	56.6	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	56.8	58.7	59.0	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000	57.8	59.6	60.0	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	61.5	63.3	63.6	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 7000	62.1	64.0	64.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 6000	62.7	64.8	65.4	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	66.0	68.3	68.8	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	67.4	69.7	70.2	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	68.8	71.2	72.0	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	70.7	73.2	73.9	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	72.0	74.7	75.5	76.5	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2500	73.9	77.1	78.6	79.7	80.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	74.4	78.0	79.5	80.8	81.7	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	75.0	78.9	80.6	81.9	82.8	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1500	76.2	80.6	82.5	84.3	85.5	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	77.4	82.1	84.2	86.0	87.6	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	77.6	82.5	84.8	87.1	89.2	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	78.4	83.4	85.9	88.2	90.5	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	78.6	84.0	86.7	89.4	92.1	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	78.7	84.1	87.0	90.0	93.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	79.1	84.7	87.7	90.9	93.9	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	79.1	84.7	87.8	91.0	94.6	95.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	79.1	84.7	87.9	91.2	95.0	95.7	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9
GE 300	79.1	84.7	87.9	91.3	95.5	96.2	97.8	98.7	98.8	99.1	99.1	99.1	99.1	99.2	99.4	99.4
GE 200	79.1	84.7	87.9	91.6	95.7	96.4	98.1	98.9	99.0	99.5	99.7	99.7	99.7	99.8	100.0	100.0
GE 100	79.1	84.7	87.9	91.6	95.7	96.4	98.1	98.9	99.0	99.5	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	79.1	84.7	87.9	91.6	95.7	96.4	98.1	98.9	99.0	99.5	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	48.2	49.1	50.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1
GE 20000	50.9	52.3	53.5	54.4	55.6	55.6	55.6	55.6	55.6	55.7	55.8	55.8	55.8	55.8	56.0	56.0
GE 18000	51.2	52.6	53.8	54.8	56.0	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.3	56.3
GE 16000	51.2	52.6	53.8	54.8	56.0	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.3	56.3
GE 14000	51.8	53.2	54.4	55.4	56.6	56.6	56.6	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.9	56.9
GE 12000	53.5	54.9	56.1	57.0	58.2	58.2	58.2	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5
GE 10000	55.1	56.5	57.8	58.8	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.3	60.3
GE 9000	56.0	57.4	58.7	59.6	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.1	61.1
GE 8000	58.2	59.7	61.0	62.0	63.2	63.2	63.2	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5
GE 7000	58.8	60.3	61.6	62.6	63.7	63.7	63.7	63.7	63.7	63.9	64.0	64.0	64.0	64.0	64.1	64.1
GE 6000	59.4	61.3	62.6	63.5	64.9	64.9	64.9	64.9	64.9	65.0	65.2	65.2	65.2	65.2	65.3	65.3
GE 5000	62.8	64.8	66.5	67.5	69.0	69.0	69.0	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.4	69.4
GE 4500	63.7	65.9	67.5	68.6	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.5	70.5
GE 4000	65.0	67.3	69.2	70.2	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1
GE 3500	66.2	68.6	70.6	71.8	73.6	73.6	73.7	73.7	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.0
GE 3000	67.9	70.3	72.5	73.8	75.6	75.6	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.2	76.2
GE 2500	68.8	71.6	74.5	76.3	78.4	78.4	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1
GE 2000	70.0	72.8	75.9	77.8	80.4	80.5	81.0	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3
GE 1800	70.2	73.2	76.2	78.4	81.2	81.3	81.7	81.7	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.0
GE 1500	71.6	75.1	78.5	80.8	83.8	83.9	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.7
GE 1200	71.9	75.6	79.0	81.4	84.3	84.4	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3
GE 1000	72.5	76.6	80.7	83.3	86.4	86.6	87.2	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.7	87.7
GE 900	72.6	76.9	81.7	84.6	87.9	88.1	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2
GE 800	73.2	77.6	82.8	86.0	89.5	89.7	90.4	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.9	90.9
GE 700	73.6	78.2	83.7	87.3	91.1	91.7	92.3	92.5	92.6	92.7	92.9	92.9	92.9	92.9	93.0	93.0
GE 600	73.7	78.5	84.3	88.2	92.4	93.1	93.8	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.7	94.7
GE 500	73.7	78.8	84.6	88.9	93.5	94.4	95.9	96.2	96.3	96.5	96.8	96.8	96.8	96.8	96.9	96.9
GE 400	73.8	78.9	84.7	89.2	94.0	94.9	97.2	97.6	97.8	98.1	98.3	98.3	98.3	98.5	98.7	98.7
GE 300	73.8	78.9	84.7	89.5	94.4	95.2	97.6	98.3	98.5	98.9	99.1	99.1	99.1	99.4	99.6	99.6
GE 200	73.8	78.9	84.7	89.5	94.4	95.2	97.6	98.3	98.5	98.9	99.1	99.2	99.2	99.5	99.7	99.8
GE 100	73.8	78.9	84.7	89.5	94.4	95.2	97.6	98.3	98.5	98.9	99.1	99.2	99.2	99.5	99.7	99.8
GE 000	73.8	78.9	84.7	89.5	94.4	95.2	97.6	98.3	98.5	98.9	99.1	99.2	99.2	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	44.5	45.8	46.7	47.3	47.4	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.9	47.9	48.0
GE 20000	47.6	49.6	51.1	52.1	52.8	53.0	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.6	53.6	53.7
GE 18000	47.9	49.9	51.5	52.5	53.2	53.4	53.6	53.7	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.1
GE 16000	47.9	49.9	51.5	52.5	53.2	53.4	53.6	53.7	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.1
GE 14000	48.5	50.5	52.0	53.0	53.8	53.9	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.6	54.7
GE 12000	49.6	51.6	53.2	54.2	54.9	55.1	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.8
GE 10000	51.9	54.0	55.6	56.7	57.4	57.6	57.8	57.9	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.3
GE 9000	52.6	54.7	56.4	57.4	58.2	58.3	58.6	58.7	58.7	58.8	58.8	58.8	58.9	58.9	59.0	59.1
GE 8000	55.0	57.3	58.9	60.0	60.8	60.9	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.7
GE 7000	55.8	58.2	59.9	61.0	61.7	61.9	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.5	62.6	62.7
GE 6000	56.5	59.1	60.8	61.9	62.7	62.9	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.6
GE 5000	58.3	61.0	62.9	64.1	64.9	65.1	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.8
GE 4500	59.5	62.3	64.2	65.4	66.3	66.5	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.2
GE 4000	60.9	63.8	65.8	67.1	68.0	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.9	69.0
GE 3500	62.2	65.3	67.3	68.7	69.7	69.9	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.6	70.6	70.7
GE 3000	63.9	67.1	69.3	70.8	71.9	72.1	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.9
GE 2500	65.4	69.0	71.6	73.3	74.6	74.8	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.8
GE 2000	67.0	71.0	73.7	75.7	77.2	77.5	78.0	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.5
GE 1800	67.5	71.8	74.6	76.8	78.3	78.6	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.6	79.7
GE 1500	69.0	73.8	76.8	79.2	80.9	81.3	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.4	82.5
GE 1200	70.3	75.5	78.8	81.3	83.2	83.6	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.8
GE 1000	70.9	76.4	80.3	83.2	85.3	85.8	86.4	86.6	86.7	86.8	86.8	86.8	86.9	86.9	87.0	87.1
GE 900	71.3	77.0	81.1	84.2	86.5	87.2	87.9	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.6
GE 800	71.6	77.6	82.0	85.3	88.0	88.8	89.6	89.8	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.3
GE 700	71.9	78.0	82.5	86.1	89.2	90.1	91.2	91.4	91.5	91.6	91.7	91.7	91.7	91.8	91.9	92.0
GE 600	72.1	78.4	83.1	87.0	90.6	91.7	93.0	93.4	93.5	93.6	93.7	93.7	93.8	93.9	93.9	94.0
GE 500	72.1	78.5	83.3	87.6	91.7	92.9	94.5	95.1	95.3	95.5	95.6	95.6	95.6	95.7	95.8	95.9
GE 400	72.2	78.6	83.5	88.0	92.7	94.0	96.0	96.8	97.1	97.3	97.4	97.4	97.5	97.7	97.8	97.9
GE 300	72.2	78.7	83.6	88.3	93.1	94.5	96.7	97.8	98.1	98.4	98.6	98.6	98.8	99.0	99.1	99.2
GE 200	72.2	78.7	83.6	88.3	93.1	94.5	96.8	97.9	98.2	98.6	98.8	98.9	99.1	99.4	99.5	99.7
GE 100	72.2	78.7	83.6	88.3	93.1	94.5	96.8	97.9	98.3	98.7	98.9	98.9	99.2	99.5	99.6	99.9
GE 000	72.2	78.7	83.6	88.3	93.1	94.5	96.8	97.9	98.3	98.7	98.9	98.9	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7390

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	44.4	45.3	46.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	44.7	47.3	49.1	50.0	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 18000	44.8	47.4	49.2	50.1	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 16000	44.9	47.5	49.3	50.2	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 14000	45.4	48.0	49.8	50.7	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	46.9	49.5	51.3	52.2	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	48.6	51.2	53.1	54.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 9000	48.7	51.3	53.2	54.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	51.3	53.9	55.8	57.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 7000	52.2	54.8	56.9	58.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	53.2	56.0	58.0	59.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 5000	55.9	58.9	61.1	62.4	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4500	58.3	61.3	63.6	64.9	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4000	60.2	63.2	65.5	66.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 3500	61.2	64.3	66.7	68.1	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	62.6	65.8	69.3	70.7	72.2	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 2500	65.0	68.4	72.1	73.8	75.4	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	66.4	70.1	74.2	75.9	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 1800	67.7	71.6	76.1	77.9	79.6	79.7	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
GE 1500	69.9	74.1	79.1	81.2	83.2	83.3	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 1200	70.4	74.9	80.0	82.5	84.9	85.0	85.3	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	71.0	75.9	81.2	84.6	87.2	87.4	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	71.9	76.8	82.4	86.1	88.8	88.9	89.4	89.4	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7
GE 800	72.3	77.3	83.5	87.5	90.3	90.4	91.0	91.0	91.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4
GE 700	72.8	77.8	84.2	88.4	91.5	91.6	92.7	92.7	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0
GE 600	72.8	77.9	84.6	89.0	92.1	92.2	93.7	93.9	94.0	94.1	94.2	94.2	94.4	94.4	94.4	94.4
GE 500	73.2	78.6	85.6	90.8	94.3	94.4	96.3	96.5	96.6	96.7	96.8	96.8	97.0	97.0	97.0	97.0
GE 400	73.5	79.1	86.2	91.5	95.5	95.9	98.1	98.2	98.5	98.6	98.7	98.8	99.1	99.2	99.2	99.2
GE 300	73.5	79.1	86.4	91.7	95.7	96.1	98.3	98.5	98.7	98.8	99.1	99.2	99.4	99.5	99.5	99.5
GE 200	73.5	79.1	86.4	91.7	95.9	96.2	98.5	98.6	98.8	98.9	99.4	99.5	99.8	99.9	99.9	99.9
GE 100	73.5	79.1	86.4	91.7	95.9	96.2	98.5	98.6	98.8	98.9	99.4	99.5	99.8	100.0	100.0	100.0
GE 000	73.5	79.1	86.4	91.7	95.9	96.2	98.5	98.6	98.8	98.9	99.4	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.4	39.8	41.5	42.8	44.6	44.6	44.9	45.0	45.0	45.2	45.3	45.3	45.4	45.4	45.5	45.6
GE 20000	41.5	44.2	46.0	47.3	49.1	49.1	49.4	49.5	49.5	49.6	49.8	49.8	49.9	49.9	50.0	50.1
GE 18000	41.5	44.2	46.0	47.3	49.1	49.1	49.4	49.5	49.5	49.6	49.8	49.8	49.9	49.9	50.0	50.1
GE 16000	41.5	44.2	46.0	47.3	49.1	49.1	49.4	49.5	49.5	49.6	49.8	49.8	49.9	49.9	50.0	50.1
GE 14000	42.0	44.7	46.5	47.8	49.5	49.5	49.9	50.0	50.0	50.1	50.2	50.2	50.4	50.4	50.5	50.6
GE 12000	42.9	45.6	47.4	48.7	50.5	50.5	50.8	50.9	50.9	51.1	51.2	51.2	51.3	51.3	51.4	51.5
GE 10000	44.6	47.6	49.9	51.2	53.0	53.0	53.4	53.5	53.5	53.7	53.8	53.8	53.9	53.9	54.0	54.1
GE 9000	44.8	47.9	50.1	51.4	53.2	53.2	53.7	53.8	53.8	53.9	54.0	54.0	54.1	54.1	54.3	54.4
GE 8000	46.8	49.9	52.1	53.4	55.2	55.2	55.8	55.9	55.9	56.0	56.1	56.1	56.3	56.3	56.4	56.5
GE 7000	47.6	50.7	53.0	54.3	56.0	56.0	56.6	56.7	56.7	56.9	57.0	57.0	57.1	57.1	57.2	57.3
GE 6000	48.6	51.8	54.1	55.4	57.2	57.2	57.8	57.9	57.9	58.0	58.2	58.2	58.3	58.3	58.4	58.5
GE 5000	50.9	54.6	57.1	58.7	60.5	60.5	61.1	61.2	61.2	61.3	61.5	61.5	61.6	61.6	61.7	61.8
GE 4500	53.3	57.0	59.5	61.1	62.9	62.9	63.6	63.7	63.7	63.8	63.9	63.9	64.1	64.1	64.2	64.3
GE 4000	54.7	58.6	61.2	62.9	64.7	64.7	65.4	65.5	65.5	65.6	65.7	65.7	65.8	65.8	66.0	66.1
GE 3500	55.2	59.1	62.1	63.8	65.6	65.6	66.3	66.4	66.4	66.5	66.7	66.7	66.8	66.8	66.9	67.0
GE 3000	56.7	61.0	64.7	66.8	68.6	68.6	69.5	69.6	69.6	69.7	69.9	69.9	70.0	70.0	70.1	70.2
GE 2500	58.9	63.7	67.6	70.0	71.9	72.0	72.9	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.5	73.6
GE 2000	60.6	66.0	70.3	73.0	74.9	75.2	76.1	76.2	76.4	76.5	76.6	76.6	76.7	76.7	76.8	77.0
GE 1800	61.1	66.4	70.9	73.6	75.5	75.8	76.7	76.8	77.0	77.1	77.2	77.2	77.3	77.3	77.4	77.5
GE 1500	63.4	68.9	73.8	76.6	78.6	78.8	79.8	79.9	80.0	80.1	80.3	80.3	80.4	80.4	80.5	80.6
GE 1200	64.3	69.9	75.1	78.4	81.0	81.3	82.3	82.4	82.5	82.6	82.7	82.7	82.9	82.9	83.0	83.1
GE 1000	65.2	71.2	77.1	81.4	84.4	84.8	85.7	85.8	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.6
GE 900	65.7	71.7	77.9	82.4	85.3	85.8	86.8	86.9	87.1	87.2	87.4	87.4	87.5	87.5	87.6	87.7
GE 800	66.5	72.7	79.4	83.9	87.4	87.8	89.0	89.1	89.4	89.5	89.6	89.6	89.7	89.7	89.8	90.0
GE 700	66.9	73.2	80.4	85.0	88.8	89.2	90.5	90.8	91.0	91.1	91.3	91.3	91.4	91.4	91.5	91.6
GE 600	66.9	73.4	80.7	85.6	89.8	90.5	91.8	92.1	92.3	92.4	92.6	92.6	92.8	92.8	92.9	93.0
GE 500	67.0	73.9	81.9	87.1	92.1	92.9	94.8	95.2	95.4	95.5	95.6	95.6	95.9	96.0	96.1	96.2
GE 400	67.1	74.3	82.7	88.2	93.5	94.3	96.5	96.9	97.2	97.3	97.4	97.4	97.6	97.8	98.0	98.1
GE 300	67.1	74.3	83.0	88.4	93.9	95.2	97.5	98.0	98.2	98.3	98.5	98.5	98.7	98.8	99.2	99.3
GE 200	67.1	74.3	83.0	88.4	93.9	95.2	97.5	98.0	98.2	98.5	98.9	98.9	99.2	99.4	99.8	99.9
GE 100	67.1	74.3	83.0	88.4	93.9	95.2	97.5	98.0	98.2	98.5	98.9	98.9	99.2	99.4	99.8	99.9
GE 000	67.1	74.3	83.0	88.4	93.9	95.2	97.5	98.0	98.2	98.5	98.9	98.9	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.3	34.8	37.0	37.7	39.0	39.1	39.4	39.7	39.7	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 20000	36.1	40.2	43.0	43.9	45.2	45.3	45.5	45.9	45.9	46.3	46.3	46.3	46.5	46.5	46.5	46.5
GE 18000	36.1	40.2	43.0	43.9	45.2	45.3	45.5	45.9	45.9	46.3	46.3	46.3	46.5	46.5	46.5	46.5
GE 16000	36.1	40.2	43.0	43.9	45.2	45.3	45.5	45.9	45.9	46.3	46.3	46.3	46.5	46.5	46.5	46.5
GE 14000	36.3	40.4	43.3	44.1	45.4	45.5	45.7	46.1	46.1	46.6	46.6	46.6	46.7	46.7	46.7	46.7
GE 12000	37.0	41.3	44.1	44.9	46.2	46.3	46.6	46.9	46.9	47.4	47.4	47.4	47.5	47.5	47.5	47.5
GE 10000	39.0	43.4	46.3	47.3	48.6	48.7	48.9	49.3	49.3	49.8	49.8	49.8	49.9	49.9	49.9	49.9
GE 9000	39.7	44.1	47.0	48.0	49.3	49.4	49.6	50.0	50.0	50.5	50.5	50.5	50.6	50.6	50.6	50.6
GE 8000	41.5	46.2	49.2	50.1	51.4	51.5	51.8	52.1	52.1	52.6	52.6	52.6	52.7	52.7	52.7	52.7
GE 7000	42.2	46.9	49.9	50.8	52.1	52.2	52.5	52.8	52.8	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 6000	42.9	48.0	51.1	52.1	53.4	53.5	53.8	54.1	54.1	54.6	54.6	54.6	54.7	54.7	54.7	54.7
GE 5000	45.3	50.7	54.0	55.3	56.6	56.7	57.0	57.3	57.3	57.8	57.8	57.8	57.9	57.9	57.9	57.9
GE 4500	46.7	52.2	55.7	57.0	58.3	58.4	58.6	59.0	59.0	59.5	59.5	59.5	59.6	59.6	59.6	59.6
GE 4000	48.0	53.7	57.1	58.4	59.8	59.9	60.2	60.5	60.5	61.0	61.0	61.0	61.1	61.1	61.1	61.1
GE 3500	49.3	55.2	58.9	60.3	61.7	61.8	62.2	62.5	62.5	63.0	63.0	63.0	63.1	63.1	63.1	63.1
GE 3000	50.6	56.9	60.9	62.4	63.9	64.1	64.4	64.9	64.9	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 2500	52.6	59.2	63.4	65.0	66.9	67.0	67.4	67.8	67.8	68.3	68.3	68.3	68.4	68.4	68.4	68.4
GE 2000	54.1	61.0	65.6	67.7	70.1	70.2	70.7	71.2	71.2	71.6	71.6	71.6	71.7	71.7	71.7	71.7
GE 1800	54.3	61.3	66.4	68.7	71.2	71.3	71.9	72.3	72.3	72.8	72.9	72.9	73.0	73.0	73.0	73.0
GE 1500	56.5	64.1	69.6	72.5	75.2	75.3	75.9	76.4	76.4	76.8	77.0	77.0	77.1	77.1	77.1	77.1
GE 1200	57.6	65.4	70.9	74.1	77.1	77.2	77.8	78.3	78.3	78.7	78.8	78.8	79.0	79.0	79.0	79.0
GE 1000	57.9	66.5	72.7	76.6	80.3	80.5	81.2	81.8	81.8	82.3	82.4	82.4	82.5	82.5	82.5	82.5
GE 900	58.7	67.5	73.8	77.9	81.8	82.3	83.2	83.8	83.9	84.4	84.5	84.5	84.6	84.6	84.6	84.6
GE 800	59.3	68.7	75.2	79.4	83.9	84.4	85.9	86.6	86.9	87.4	87.5	87.5	87.6	87.6	87.6	87.7
GE 700	60.0	69.6	76.4	80.9	85.7	86.3	88.3	89.2	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.3
GE 600	60.3	70.1	77.0	81.4	87.0	87.6	89.7	90.7	90.9	91.4	91.5	91.5	91.6	91.6	91.6	91.7
GE 500	60.5	70.4	77.8	82.3	88.1	88.9	91.5	92.8	93.0	93.6	93.7	93.7	93.9	93.9	93.9	94.0
GE 400	60.5	70.6	78.3	82.9	89.5	90.5	93.4	95.6	95.9	96.5	96.6	96.6	96.7	96.8	96.8	96.9
GE 300	60.5	70.7	78.5	83.2	90.5	91.6	94.7	96.9	97.3	98.0	98.1	98.1	98.2	98.3	98.3	98.7
GE 200	60.5	70.7	78.5	83.2	90.5	91.6	94.7	96.9	97.3	98.0	98.3	98.5	98.8	98.9	98.9	99.6
GE 100	60.5	70.7	78.5	83.2	90.5	91.6	94.7	96.9	97.3	98.0	98.3	98.5	98.8	98.9	99.2	100.0
GE 000	60.5	70.7	78.5	83.2	90.5	91.6	94.7	96.9	97.3	98.0	98.3	98.5	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.9	36.6	36.8	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000	42.1	44.1	44.3	44.9	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	42.4	44.4	44.7	45.3	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 16000	42.7	44.9	45.2	45.7	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	43.1	45.4	45.6	46.2	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000	44.1	46.6	46.8	47.4	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 10000	45.9	48.3	48.6	49.2	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 9000	46.5	48.9	49.2	49.9	50.2	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	48.3	51.1	51.3	52.1	52.5	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 7000	48.7	51.7	52.0	52.8	53.3	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 6000	49.4	52.7	53.1	53.9	54.4	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 5000	51.8	55.2	55.6	56.6	57.1	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4500	52.6	56.1	56.5	57.6	58.0	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 4000	54.4	58.0	58.4	59.5	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3500	56.0	59.8	60.3	61.3	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 3000	58.6	62.6	63.1	64.5	65.0	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 2500	60.0	64.1	64.5	66.1	66.8	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 2000	62.5	67.0	68.1	69.9	70.9	71.5	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1800	63.2	67.7	68.1	70.7	71.9	72.5	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 1500	66.1	71.4	72.9	74.9	76.5	77.1	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1200	68.3	74.1	75.8	78.6	80.1	80.7	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	70.0	76.0	77.9	81.4	83.5	84.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	70.7	77.2	79.2	82.7	85.1	85.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	72.2	79.1	81.2	85.2	87.8	88.7	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	73.3	80.4	82.7	87.0	90.1	91.1	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	74.2	81.7	84.2	88.7	92.2	93.4	95.0	95.2	95.4	95.7	95.7	95.7	95.9	95.9	95.9	95.9
GE 500	74.5	81.9	84.6	89.2	92.8	94.0	95.9	96.0	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 400	74.5	81.9	84.6	89.4	93.3	94.9	97.0	97.5	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.6
GE 300	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.6
GE 200	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0
GE 100	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0
GE 000	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.9	36.6	36.8	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000	42.1	44.1	44.3	44.9	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	42.4	44.4	44.7	45.3	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 16000	42.7	44.9	45.2	45.7	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	43.1	45.4	45.6	46.2	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000	44.1	46.6	46.8	47.4	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 10000	45.9	48.3	48.6	49.2	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 9000	46.5	48.9	49.2	49.9	50.2	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	48.3	51.1	51.3	52.1	52.5	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 7000	48.7	51.7	52.0	52.8	53.3	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 6000	49.4	52.7	53.1	53.9	54.4	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 5000	51.8	55.2	55.6	56.6	57.1	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4500	52.6	56.1	56.5	57.6	58.0	58.3	58.5	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 4000	54.4	58.0	58.4	59.5	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3500	56.0	59.8	60.3	61.3	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 3000	58.6	62.6	63.1	64.5	65.0	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 2500	60.0	64.1	64.5	66.1	66.8	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 2000	62.5	67.0	68.1	69.9	70.9	71.5	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1800	63.2	67.7	68.9	70.7	71.9	72.5	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 1500	66.1	71.4	72.9	74.9	76.5	77.1	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1200	68.3	74.1	75.8	78.6	80.1	80.7	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	70.0	76.0	77.9	81.4	83.5	84.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	70.7	77.2	79.2	82.7	85.1	85.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	72.2	79.1	81.2	85.2	87.8	88.7	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	73.3	80.4	82.7	87.0	90.1	91.1	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	74.2	81.7	84.2	88.7	92.2	93.4	95.0	95.2	95.4	95.7	95.7	95.7	95.9	95.9	95.9	95.9
GE 500	74.5	81.9	84.6	89.2	92.8	94.0	95.9	96.0	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 400	74.5	81.9	84.6	89.4	93.3	94.9	97.0	97.5	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.6
GE 300	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.6
GE 200	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0
GE 100	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0
GE 000	74.5	81.9	84.6	89.4	93.4	95.2	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 20000	48.9	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	49.3	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	49.5	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 14000	50.4	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 12000	51.2	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 10000	53.1	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 9000	53.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 8000	55.4	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 7000	56.0	57.2	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 6000	56.5	57.8	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 5000	58.5	59.8	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4500	59.1	60.4	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 4000	61.1	62.6	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3500	63.1	64.7	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3000	65.2	66.9	67.8	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 2500	67.7	70.2	71.2	71.4	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2000	70.3	73.2	74.5	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1800	71.6	74.6	75.9	76.2	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1500	74.6	78.5	80.1	80.9	81.3	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1200	77.5	82.0	83.7	84.8	85.6	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	79.1	83.8	85.8	87.0	87.8	88.2	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	80.4	85.2	87.2	88.5	89.6	90.2	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	81.1	86.3	88.7	90.3	91.6	92.8	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	81.3	86.6	89.1	90.9	92.3	93.6	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	81.6	87.0	89.8	91.8	93.6	95.0	96.0	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	82.0	87.5	90.3	92.4	94.2	95.6	96.7	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	82.0	87.7	90.5	92.8	95.0	96.8	98.1	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	82.0	87.7	90.5	92.8	95.0	96.8	98.1	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6
GE 200	82.0	87.7	90.5	92.8	95.0	96.8	98.1	99.1	99.3	99.4	99.5	99.6	99.6	99.9	99.9	100.0
GE 100	82.0	87.7	90.5	92.8	95.0	96.8	98.1	99.1	99.3	99.4	99.5	99.6	99.6	99.9	99.9	100.0
GE 000	82.0	87.7	90.5	92.8	95.0	96.8	98.1	99.1	99.3	99.4	99.5	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 20000	51.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 18000	51.8	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	56.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 9000	57.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	59.7	61.0	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	60.9	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 5000	63.1	64.8	65.1	65.2	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4500	64.8	66.5	67.0	67.1	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	66.3	68.3	68.9	69.0	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500	67.5	69.5	70.2	70.3	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3000	70.3	72.6	73.4	73.6	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2500	71.9	74.3	75.2	75.4	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2000	75.4	78.3	79.3	79.9	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1800	76.2	79.6	80.7	81.3	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	78.5	82.4	83.7	84.6	85.3	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	80.3	84.5	86.3	87.6	88.5	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	81.0	85.5	87.5	89.0	90.4	90.8	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	81.2	85.8	87.9	89.6	91.3	91.6	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	81.7	86.3	88.5	90.7	92.7	93.0	93.5	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	82.0	87.0	89.7	92.0	94.3	94.7	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	82.0	87.2	90.0	92.3	94.9	95.4	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	82.0	87.4	90.1	92.6	95.5	96.0	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	82.0	87.4	90.5	93.1	96.2	96.9	98.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	82.0	87.4	90.5	93.1	96.2	96.9	98.5	99.1	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6
GE 200	82.0	87.4	90.5	93.1	96.2	96.9	98.5	99.1	99.1	99.4	99.4	99.4	99.4	99.6	100.0	100.0
GE 100	82.0	87.4	90.5	93.1	96.2	96.9	98.5	99.1	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
GE 000	82.0	87.4	90.5	93.1	96.2	96.9	98.5	99.1	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.5	46.2	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	52.8	53.7	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	53.1	53.9	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	53.4	54.3	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	54.4	55.3	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 12000	55.7	56.6	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	58.4	59.7	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	58.7	60.0	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	60.6	61.9	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	61.6	62.9	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	62.1	63.4	64.1	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 5000	65.6	67.1	68.0	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	68.1	69.7	70.7	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4000	69.1	71.0	72.0	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	70.9	73.0	74.1	74.6	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	72.5	74.7	76.2	76.7	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	74.8	77.1	78.8	79.3	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	77.1	79.4	81.2	82.2	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	78.3	80.7	82.6	83.7	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	79.9	82.5	84.9	86.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	82.4	85.5	87.9	89.1	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	82.6	85.7	88.5	89.7	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	82.7	85.8	89.2	90.5	92.3	92.3	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	83.0	86.3	90.0	91.4	93.9	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	83.3	86.6	90.8	92.7	95.5	95.7	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	83.5	86.9	91.0	92.9	95.9	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	83.5	86.9	91.0	93.0	96.2	96.5	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	83.5	87.0	91.4	93.5	97.4	97.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	83.5	87.0	91.4	93.5	97.5	97.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	83.5	87.0	91.4	93.5	97.5	97.9	99.1	99.2	99.2	99.3	99.3	99.5	99.8	99.9	100.0	100.0
GE 100	83.5	87.0	91.4	93.5	97.5	97.9	99.1	99.2	99.2	99.3	99.3	99.5	99.8	99.9	100.0	100.0
GE 000	83.5	87.0	91.4	93.5	97.5	97.9	99.1	99.2	99.2	99.3	99.3	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	48.9	50.0	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	50.7	52.0	53.3	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	50.9	52.2	53.5	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000	51.3	52.6	53.9	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	52.2	53.5	54.8	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	53.5	54.8	56.1	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	55.2	56.5	57.8	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	55.4	56.7	58.0	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	58.6	59.9	61.2	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 7000	59.1	60.4	61.8	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 6000	59.9	61.2	62.6	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 5000	63.2	64.9	66.4	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	65.1	67.1	68.8	69.7	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	66.9	69.0	70.8	71.7	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	68.1	70.2	72.2	73.2	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	69.5	72.0	74.5	75.7	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 2500	71.5	74.6	77.2	78.5	78.7	78.7	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	73.2	76.7	79.9	81.9	82.2	82.2	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	74.3	78.1	81.3	83.3	83.6	83.6	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	76.5	80.5	84.0	86.5	87.0	87.0	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	77.5	81.9	85.7	88.3	88.8	88.8	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	77.9	82.5	86.4	89.4	89.8	89.8	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	78.5	83.1	87.1	90.4	91.1	91.3	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	78.6	83.2	87.5	91.4	92.6	92.8	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	78.8	83.7	88.2	92.6	93.9	94.1	95.2	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	78.8	83.8	88.4	92.9	94.3	94.6	95.9	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	79.0	84.0	89.0	93.7	95.2	95.4	97.4	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	79.2	84.4	89.5	94.2	96.0	96.2	98.3	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	79.2	84.5	89.6	94.3	96.1	96.5	98.8	98.8	98.9	98.9	99.5	99.5	99.5	99.5	99.6	99.6
GE 200	79.2	84.5	89.6	94.3	96.1	96.5	98.8	98.8	98.9	98.9	99.5	99.8	99.9	99.9	100.0	100.0
GE 100	79.2	84.5	89.6	94.3	96.1	96.5	98.8	98.8	98.9	98.9	99.5	99.8	99.9	99.9	100.0	100.0
GE 000	79.2	84.5	89.6	94.3	96.1	96.5	98.8	98.8	98.9	98.9	99.5	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	41.5	42.4	42.9	43.5	43.5	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	46.0	47.9	49.0	49.6	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.6	50.6
GE 18000	46.2	48.1	49.2	49.8	50.4	50.5	50.5	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.8	50.8
GE 16000	46.4	48.3	49.4	50.0	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0
GE 14000	47.1	49.0	50.1	50.7	51.3	51.4	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.7	51.7
GE 12000	48.2	50.1	51.2	51.8	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8
GE 10000	50.1	52.2	53.4	54.1	54.7	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 9000	50.6	52.6	53.9	54.5	55.2	55.2	55.3	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 8000	52.7	54.9	56.1	56.8	57.4	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000	53.4	55.7	57.0	57.7	58.5	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000	54.2	56.6	58.0	58.7	59.4	59.5	59.6	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 5000	56.8	59.5	61.0	61.8	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4500	58.5	61.3	62.9	63.7	64.5	64.6	64.8	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0
GE 4000	60.1	63.1	64.7	65.5	66.4	66.4	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500	61.4	64.5	66.2	67.2	68.0	68.1	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
GE 3000	63.3	66.6	68.7	69.8	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3
GE 2500	65.3	69.0	71.2	72.4	73.4	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 2000	67.5	71.5	74.1	75.7	76.8	77.0	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6
GE 1800	68.4	72.5	75.4	76.9	78.1	78.3	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0
GE 1500	70.7	75.3	78.5	80.4	81.8	82.0	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 1200	72.3	77.3	80.7	82.9	84.5	84.7	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 1000	73.1	78.4	82.1	84.9	86.8	87.1	87.6	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	73.7	79.2	83.1	86.0	88.2	88.5	89.2	89.3	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 800	74.3	80.0	84.2	87.5	90.0	90.5	91.4	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9
GE 700	74.8	80.6	85.2	88.7	91.5	92.1	93.2	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.9	93.9
GE 600	75.0	81.0	85.7	89.3	92.5	93.1	94.4	94.7	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.3
GE 500	75.2	81.3	86.3	90.1	93.5	94.2	95.9	96.3	96.4	96.7	96.7	96.7	96.8	96.8	96.9	96.9
GE 400	75.3	81.5	86.7	90.7	94.5	95.4	97.3	97.9	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.6
GE 300	75.3	81.6	86.8	90.8	94.8	95.8	97.8	98.5	98.7	98.9	99.1	99.1	99.3	99.3	99.4	99.4
GE 200	75.3	81.6	86.8	90.8	94.8	95.8	97.8	98.5	98.7	99.0	99.3	99.4	99.6	99.7	99.8	99.9
GE 100	75.3	81.6	86.8	90.8	94.8	95.8	97.8	98.5	98.7	99.0	99.3	99.4	99.6	99.7	99.8	100.0
GE 000	75.3	81.6	86.8	90.8	94.8	95.8	97.8	98.5	98.7	99.0	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	49.5	51.0	51.3	51.7	52.0	52.5	52.6	52.7	53.0	53.2	53.2	53.2	53.2	53.3	53.3
GE 20000	53.4	56.5	58.1	58.4	58.8	59.1	59.6	59.7	59.8	60.1	60.3	60.3	60.3	60.3	60.4	60.4
GE 18000	53.5	56.6	58.2	58.5	58.9	59.2	59.7	59.8	59.9	60.2	60.4	60.4	60.4	60.4	60.5	60.5
GE 16000	53.5	56.6	58.2	58.5	58.9	59.2	59.7	59.8	59.9	60.2	60.4	60.4	60.4	60.4	60.5	60.5
GE 14000	54.0	57.0	58.6	58.9	59.4	59.7	60.1	60.2	60.3	60.6	60.9	60.9	60.9	60.9	61.0	61.0
GE 12000	54.4	57.4	59.0	59.4	59.8	60.1	60.5	60.6	60.8	61.1	61.3	61.3	61.3	61.3	61.4	61.4
GE 10000	57.0	60.1	61.7	62.0	62.5	62.8	63.2	63.3	63.4	63.8	64.0	64.0	64.0	64.0	64.1	64.1
GE 9000	57.8	61.0	62.6	62.9	63.3	63.7	64.1	64.2	64.3	64.6	64.8	64.8	64.8	64.8	64.9	64.9
GE 8000	60.9	64.3	66.1	66.5	66.9	67.2	67.7	67.8	68.0	68.3	68.5	68.5	68.6	68.6	68.7	68.7
GE 7000	61.9	65.5	67.3	67.6	68.1	68.4	68.9	69.0	69.1	69.5	69.7	69.7	69.8	69.8	69.9	69.9
GE 6000	63.3	67.0	68.9	69.4	69.8	70.1	70.6	70.8	70.9	71.2	71.4	71.4	71.5	71.5	71.6	71.6
GE 5000	64.3	68.2	70.2	70.8	71.3	71.6	72.2	72.3	72.4	72.7	72.9	72.9	73.0	73.0	73.1	73.1
GE 4500	66.6	70.5	72.8	73.7	74.2	74.5	75.1	75.2	75.3	75.6	75.8	75.8	75.9	75.9	76.0	76.0
GE 4000	68.1	72.6	75.4	76.5	77.0	77.3	77.8	78.0	78.1	78.4	78.6	78.6	78.7	78.7	78.8	78.8
GE 3500	70.2	74.8	77.8	79.0	79.8	80.1	80.6	80.8	80.9	81.2	81.4	81.4	81.5	81.5	81.6	81.6
GE 3000	71.1	76.0	79.1	80.4	81.4	81.7	82.3	82.4	82.5	82.8	83.0	83.0	83.1	83.1	83.2	83.2
GE 2500	73.5	78.5	81.8	83.3	84.4	84.7	85.3	85.4	85.5	85.8	86.0	86.0	86.1	86.1	86.2	86.2
GE 2000	75.7	81.1	84.4	86.0	87.4	87.7	88.3	88.4	88.5	88.8	89.0	89.0	89.1	89.1	89.2	89.2
GE 1800	76.5	81.8	85.2	86.9	88.3	88.6	89.1	89.2	89.4	89.7	89.9	89.9	90.0	90.0	90.1	90.1
GE 1500	77.7	83.3	86.9	88.7	90.1	90.4	91.0	91.1	91.2	91.5	91.7	91.7	91.8	91.8	91.9	91.9
GE 1200	78.7	84.3	88.2	90.3	91.8	92.2	92.7	92.8	92.9	93.2	93.4	93.4	93.5	93.5	93.7	93.7
GE 1000	79.5	85.5	89.5	91.7	93.3	93.7	94.2	94.3	94.4	94.7	94.9	94.9	95.1	95.1	95.2	95.2
GE 900	79.7	85.7	89.7	92.0	93.7	94.0	94.5	94.6	94.7	95.1	95.3	95.3	95.4	95.4	95.5	95.5
GE 800	80.1	86.3	90.4	92.9	94.5	94.8	95.4	95.5	95.6	95.9	96.1	96.1	96.2	96.2	96.3	96.3
GE 700	80.3	86.6	90.6	93.4	95.3	95.6	96.1	96.2	96.3	96.7	96.9	96.9	97.0	97.0	97.1	97.1
GE 600	80.5	86.8	91.1	94.0	95.8	96.1	96.8	96.9	97.0	97.3	97.5	97.5	97.6	97.6	97.7	97.7
GE 500	80.6	86.9	91.3	94.2	96.0	96.3	97.0	97.2	97.3	97.6	97.8	97.8	98.0	98.0	98.1	98.1
GE 400	80.8	87.0	91.6	94.5	96.7	97.0	97.7	98.0	98.1	98.4	98.6	98.6	98.7	98.7	98.8	98.8
GE 300	80.8	87.0	91.8	94.7	96.9	97.4	98.2	98.4	98.5	98.8	99.0	99.0	99.1	99.1	99.2	99.2
GE 200	80.8	87.0	91.8	94.7	96.9	97.4	98.3	98.5	98.6	99.0	99.2	99.2	99.4	99.4	99.5	99.5
GE 100	80.8	87.0	91.8	94.7	96.9	97.4	98.3	98.5	98.6	99.0	99.2	99.2	99.4	99.4	99.6	99.9
GE 000	80.8	87.0	91.8	94.7	96.9	97.4	98.3	98.5	98.6	99.0	99.2	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	44.2	47.2	48.4	49.4	49.4	49.8	50.3	50.3	50.5	50.9	50.9	51.1	51.3	51.3	51.4
GE 20000	47.8	50.6	54.0	55.5	56.6	56.6	57.1	57.6	57.6	57.8	58.2	58.2	58.4	58.6	58.6	58.7
GE 18000	47.8	50.6	54.0	55.5	56.6	56.6	57.1	57.6	57.6	57.8	58.2	58.2	58.4	58.6	58.6	58.7
GE 16000	47.8	50.6	54.0	55.5	56.6	56.6	57.1	57.6	57.6	57.8	58.2	58.2	58.4	58.6	58.6	58.7
GE 14000	48.6	51.4	54.8	56.3	57.4	57.4	58.0	58.5	58.5	58.7	59.0	59.0	59.2	59.5	59.5	59.6
GE 12000	49.0	51.8	55.4	56.9	58.0	58.0	58.5	59.0	59.0	59.2	59.6	59.6	59.8	60.0	60.0	60.1
GE 10000	50.4	53.3	57.1	58.6	59.7	59.7	60.2	60.8	60.8	61.0	61.3	61.3	61.5	61.7	61.7	61.8
GE 9000	51.9	54.8	58.6	60.1	61.2	61.2	61.7	62.3	62.3	62.5	62.8	62.8	63.0	63.2	63.2	63.3
GE 8000	53.9	56.9	60.8	62.3	63.3	63.3	63.9	64.4	64.4	64.6	64.9	64.9	65.2	65.4	65.4	65.5
GE 7000	54.3	57.6	61.5	63.0	64.1	64.1	64.6	65.2	65.2	65.4	65.7	65.7	65.9	66.1	66.1	66.2
GE 6000	55.3	58.7	62.9	64.7	65.9	65.9	66.5	67.0	67.0	67.2	67.5	67.5	67.7	68.0	68.0	68.1
GE 5000	56.6	60.5	65.1	67.0	68.2	68.2	68.7	69.2	69.2	69.5	69.8	69.8	70.0	70.2	70.2	70.3
GE 4500	59.0	63.5	68.2	70.1	71.3	71.3	71.8	72.4	72.4	72.6	72.9	72.9	73.1	73.3	73.3	73.4
GE 4000	60.4	65.2	70.0	72.0	73.2	73.2	73.8	74.3	74.3	74.5	74.8	74.8	75.1	75.3	75.3	75.4
GE 3500	61.5	66.6	71.5	73.5	74.7	74.7	75.3	75.8	75.8	76.0	76.3	76.3	76.6	76.8	76.8	76.9
GE 3000	62.6	67.8	73.1	75.2	76.5	76.5	77.0	77.5	77.5	77.7	78.1	78.1	78.3	78.5	78.5	78.6
GE 2500	65.3	70.5	76.0	78.1	79.4	79.4	79.9	80.4	80.4	80.6	81.0	81.0	81.2	81.4	81.4	81.5
GE 2000	67.8	73.3	78.9	81.1	82.4	82.4	82.9	83.4	83.4	83.7	84.0	84.0	84.2	84.4	84.4	84.5
GE 1800	69.8	75.3	81.0	83.1	84.6	84.6	85.2	85.7	85.7	85.9	86.2	86.2	86.5	86.7	86.7	86.8
GE 1500	71.7	77.3	83.5	85.7	87.5	87.5	88.1	88.6	88.6	88.8	89.1	89.1	89.4	89.6	89.6	89.7
GE 1200	73.4	79.2	85.7	88.0	89.9	89.9	90.4	91.0	91.0	91.2	91.5	91.5	91.7	91.9	91.9	92.0
GE 1000	73.9	79.7	86.6	88.8	90.9	91.0	91.5	92.0	92.0	92.3	92.6	92.6	92.8	93.0	93.0	93.1
GE 900	74.1	80.0	87.0	89.2	91.3	91.4	92.0	92.6	92.6	92.8	93.1	93.1	93.3	93.5	93.5	93.7
GE 800	74.3	80.4	87.7	90.2	92.3	92.4	93.0	93.5	93.5	93.8	94.1	94.1	94.3	94.5	94.5	94.6
GE 700	74.6	80.8	88.2	90.9	92.9	93.0	93.7	94.2	94.2	94.4	94.7	94.7	94.9	95.2	95.2	95.3
GE 600	74.7	81.1	88.8	91.6	94.0	94.2	95.1	95.6	95.6	95.8	96.1	96.1	96.3	96.6	96.6	96.7
GE 500	74.7	81.1	88.9	91.8	94.6	94.8	95.7	96.3	96.3	96.6	96.9	96.9	97.1	97.3	97.3	97.4
GE 400	74.7	81.2	89.0	91.9	94.9	95.3	96.6	97.2	97.2	97.4	97.7	97.7	98.0	98.2	98.2	98.3
GE 300	74.7	81.2	89.0	92.0	95.1	95.4	96.9	97.5	97.5	97.7	98.1	98.1	98.3	98.5	98.5	98.6
GE 200	74.7	81.2	89.0	92.0	95.2	95.5	97.0	97.6	97.6	97.8	98.3	98.4	98.6	98.8	98.8	98.9
GE 100	74.7	81.2	89.0	92.0	95.2	95.5	97.0	97.6	97.6	97.8	98.3	98.4	98.8	99.0	99.1	99.5
GE 000	74.7	81.2	89.0	92.0	95.2	95.5	97.0	97.6	97.6	97.8	98.3	98.4	98.8	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 20

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	37.5	40.0	41.2	42.8	43.2	43.8	44.3	44.3	44.3	44.4	44.4	44.5	44.6	44.6	44.7
GE 20000	38.8	43.7	46.1	47.6	49.4	49.8	50.4	51.0	51.0	51.1	51.3	51.3	51.4	51.5	51.6	51.7
GE 18000	39.4	44.3	46.8	48.3	50.0	50.4	51.1	51.6	51.6	51.7	51.9	51.9	52.0	52.2	52.3	52.4
GE 16000	39.4	44.3	46.8	48.3	50.0	50.4	51.1	51.6	51.6	51.7	51.9	51.9	52.0	52.2	52.3	52.4
GE 14000	40.3	45.4	47.8	49.4	51.1	51.5	52.2	52.7	52.7	52.8	53.0	53.0	53.1	53.2	53.3	53.4
GE 12000	40.6	45.8	48.4	49.9	51.8	52.3	52.9	53.4	53.4	53.5	53.8	53.8	53.9	54.0	54.1	54.2
GE 10000	43.5	48.9	51.8	53.3	55.3	55.7	56.3	56.9	56.9	57.2	57.4	57.4	57.5	57.6	57.7	57.8
GE 9000	44.6	50.0	52.9	54.4	56.3	56.8	57.4	58.0	58.0	58.3	58.5	58.5	58.6	58.7	58.8	58.9
GE 8000	46.9	52.7	55.7	57.2	59.1	59.6	60.2	60.8	60.8	61.2	61.4	61.4	61.5	61.6	61.7	61.8
GE 7000	47.7	53.8	56.8	58.4	60.3	60.8	61.5	62.0	62.0	62.5	62.7	62.7	62.9	63.0	63.1	63.2
GE 6000	49.0	55.1	58.2	59.9	61.9	62.4	63.1	63.7	63.7	64.1	64.3	64.3	64.5	64.6	64.7	64.8
GE 5000	51.3	57.5	61.0	62.8	64.8	65.3	66.0	66.6	66.6	67.0	67.2	67.2	67.4	67.6	67.7	67.8
GE 4500	53.0	59.2	62.9	64.8	67.2	67.6	68.4	68.9	68.9	69.4	69.6	69.6	69.8	70.0	70.1	70.2
GE 4000	54.3	60.6	64.3	66.3	68.8	69.2	70.0	70.5	70.5	71.0	71.2	71.2	71.4	71.6	71.7	71.8
GE 3500	54.9	61.4	65.2	67.2	69.7	70.1	70.9	71.4	71.4	71.8	72.0	72.0	72.3	72.5	72.6	72.7
GE 3000	56.0	62.9	66.9	69.0	71.6	72.0	72.8	73.3	73.3	73.8	74.0	74.0	74.2	74.4	74.5	74.6
GE 2500	53.2	65.5	69.7	71.8	74.5	74.9	75.9	76.5	76.5	76.9	77.1	77.1	77.3	77.5	77.6	77.7
GE 2000	61.1	69.0	73.7	75.8	78.7	79.4	80.5	81.2	81.2	81.6	81.8	81.8	82.0	82.3	82.4	82.5
GE 1800	61.5	69.5	74.3	76.6	79.5	80.1	81.3	81.9	81.9	82.4	82.6	82.6	82.8	83.0	83.1	83.2
GE 1500	64.3	72.5	77.5	80.2	83.2	84.0	85.2	85.8	85.8	86.2	86.5	86.5	86.7	86.9	87.0	87.1
GE 1200	65.8	74.6	79.7	82.4	85.7	86.6	87.7	88.4	88.4	88.8	89.0	89.0	89.2	89.5	89.6	89.7
GE 1000	66.7	75.9	81.0	83.7	87.3	88.2	89.4	90.0	90.0	90.4	90.6	90.6	90.9	91.1	91.2	91.3
GE 900	67.4	77.1	82.3	85.1	88.7	89.7	90.9	91.5	91.5	91.9	92.2	92.2	92.4	92.6	92.7	92.8
GE 800	67.7	77.7	83.0	86.1	90.1	91.1	92.3	92.9	92.9	93.3	93.5	93.5	93.8	94.0	94.1	94.2
GE 700	67.8	77.8	83.1	86.2	90.4	91.6	92.9	93.5	93.5	94.0	94.2	94.2	94.4	94.6	94.7	94.8
GE 600	68.0	78.1	83.5	86.9	91.4	92.6	93.9	94.6	94.6	95.2	95.4	95.4	95.6	95.8	95.9	96.0
GE 500	68.1	78.2	83.7	87.0	91.8	93.3	94.6	95.5	95.6	96.1	96.3	96.3	96.6	96.8	96.9	97.0
GE 400	68.2	78.4	83.9	87.3	92.4	94.3	95.8	96.7	96.8	97.3	97.6	97.6	97.8	98.1	98.2	98.3
GE 300	68.2	78.4	83.9	87.3	92.4	94.3	96.5	97.6	97.8	98.4	98.8	98.8	99.0	99.2	99.4	99.5
GE 200	68.2	78.4	83.9	87.3	92.4	94.3	96.5	97.6	97.8	98.4	98.8	98.8	99.2	99.5	99.6	99.7
GE 100	68.2	78.4	83.9	87.3	92.4	94.3	96.5	97.6	97.8	98.5	98.9	98.9	99.4	99.6	99.7	100.0
GE 000	68.2	78.4	83.9	87.3	92.4	94.3	96.5	97.6	97.8	98.5	98.9	98.9	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	43.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	50.2	52.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	50.5	52.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	50.5	52.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	51.2	53.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000	52.0	54.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 10000	55.2	57.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	55.7	58.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	58.0	60.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 7000	58.2	60.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	59.8	62.6	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	61.2	64.1	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4500	62.8	65.9	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	64.6	67.7	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3500	66.0	69.1	71.1	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3000	67.4	70.9	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2500	69.7	73.4	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2000	73.0	77.4	80.1	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	73.8	78.4	81.1	81.9	82.2	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	75.9	81.7	84.8	85.9	86.3	86.5	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	78.1	85.1	88.4	89.9	90.5	90.6	90.9	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	78.4	85.7	89.2	91.0	91.6	91.8	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	78.8	86.2	89.8	91.5	92.2	92.4	92.7	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	78.9	86.5	90.0	92.0	93.1	93.5	94.0	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	79.2	86.8	90.5	92.6	94.1	94.5	94.9	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	79.5	87.2	91.4	93.9	95.7	96.1	96.8	96.9	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	79.7	87.6	92.0	94.7	96.6	97.4	98.2	98.3	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	79.7	87.6	92.0	94.8	96.7	97.5	98.4	98.7	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	79.7	87.6	92.0	94.8	96.7	97.5	98.4	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	79.7	87.6	92.0	94.8	96.7	97.5	98.4	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	79.7	87.6	92.0	94.8	96.7	97.5	98.4	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	79.7	87.6	92.0	94.8	96.7	97.5	98.4	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	56.2	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	56.6	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	56.6	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	57.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	58.7	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	60.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	61.5	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	64.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	64.4	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	65.4	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	67.1	68.8	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	68.8	70.6	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	69.8	71.7	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3500	72.4	74.3	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	75.8	78.3	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	79.4	82.3	82.9	83.0	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	83.0	86.6	87.3	87.4	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	83.5	87.3	88.1	88.2	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	85.1	89.1	90.2	90.5	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	86.8	91.5	92.7	93.2	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	86.9	92.0	93.2	93.9	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	87.1	92.4	93.7	94.3	94.9	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	87.3	92.8	94.6	95.4	96.3	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	87.4	93.0	94.9	95.7	96.8	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	87.4	93.1	95.1	95.9	97.5	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	87.4	93.2	95.2	96.1	97.8	98.1	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	87.4	93.2	95.3	96.3	98.2	98.4	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	87.4	93.2	95.3	96.3	98.2	98.4	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.4	93.2	95.3	96.3	98.2	98.4	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.4	93.2	95.3	96.3	98.2	98.4	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.4	93.2	95.3	96.3	98.2	98.4	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	59.5	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	59.8	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	59.8	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	60.4	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	62.4	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	65.7	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	66.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	69.6	70.9	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	69.8	71.3	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	71.4	72.9	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	73.7	75.2	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	74.8	76.5	76.9	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	76.3	78.2	78.6	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	79.2	81.3	82.2	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3000	83.0	85.3	86.1	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	85.4	87.8	88.7	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	86.8	89.4	90.2	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	87.7	90.3	91.3	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	89.0	92.3	93.2	93.5	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	89.8	93.4	94.7	95.2	95.6	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	89.8	93.8	95.1	95.5	96.0	96.2	96.2	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	89.9	93.9	95.3	95.9	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	90.1	94.2	95.6	96.2	96.9	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	90.2	94.3	95.7	96.5	97.1	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	90.5	95.1	96.5	97.4	98.1	98.3	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	90.5	95.2	96.7	97.6	98.3	98.6	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	90.6	95.3	96.8	97.7	98.4	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	90.6	95.3	96.8	97.7	98.5	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.6	95.3	96.8	97.7	98.5	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.6	95.3	96.8	97.7	98.5	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.6	95.3	96.8	97.7	98.5	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	49.8	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	58.9	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	59.1	60.3	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	59.1	60.3	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	59.4	60.6	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	60.0	61.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 10000	64.0	65.3	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	64.9	66.3	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	68.6	70.0	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	69.1	70.6	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	70.4	71.8	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	73.1	74.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	75.8	77.6	78.6	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	77.9	79.8	81.0	81.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	79.9	82.7	83.4	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	81.8	84.3	85.8	86.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	83.7	86.4	87.9	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	84.3	87.4	89.1	89.8	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800	84.7	88.0	89.9	90.5	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	85.8	89.9	91.8	92.6	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	86.7	91.4	93.7	94.7	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	86.9	91.8	94.3	95.3	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	87.1	92.0	94.6	95.7	96.5	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	87.1	92.0	94.8	96.0	96.9	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	87.2	92.7	95.1	96.3	97.2	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	87.3	92.7	95.5	96.8	97.6	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	87.5	92.9	95.8	97.3	98.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	87.5	92.9	96.0	97.6	98.5	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	87.5	92.9	96.0	97.6	98.6	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.5	92.9	96.0	97.6	98.6	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.5	92.9	96.0	97.6	98.6	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.5	92.9	96.0	97.6	98.6	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	53.5	54.8	54.9	55.1	55.1	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	56.6	59.4	60.7	60.8	61.1	61.1	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 18000	57.0	59.8	61.1	61.2	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	57.0	59.8	61.1	61.2	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	57.1	59.9	61.2	61.3	61.5	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 12000	57.7	60.5	61.8	61.9	62.1	62.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	60.2	63.2	64.6	64.7	64.9	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	60.8	63.9	65.3	65.4	65.6	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8000	64.3	67.3	68.8	68.9	69.1	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	65.0	68.1	69.7	69.8	70.0	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	66.1	69.4	71.0	71.1	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	70.3	74.0	75.9	76.2	76.5	76.6	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4500	72.0	75.7	77.7	78.2	78.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	73.7	77.9	80.2	80.8	81.4	81.6	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	75.6	79.9	82.2	83.1	83.7	83.9	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	76.9	81.4	83.8	84.9	85.7	85.9	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	78.2	83.0	85.5	86.6	87.5	87.7	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	80.0	85.0	87.7	89.3	90.2	90.4	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	80.4	85.5	88.3	90.0	90.8	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	82.2	87.6	90.5	92.1	93.0	93.4	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	82.6	88.5	91.7	93.4	94.3	94.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	83.2	89.5	92.9	94.7	95.6	96.0	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	83.3	89.8	93.1	95.3	96.3	96.8	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	83.7	90.2	93.5	95.7	96.8	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	83.9	90.4	93.9	96.1	97.2	97.6	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	84.0	90.5	94.0	96.2	97.3	97.7	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	84.1	90.6	94.1	96.3	97.4	97.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	84.1	90.6	94.1	96.3	97.5	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	84.4	90.8	94.5	96.8	98.0	98.6	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	84.4	90.8	94.5	96.8	98.0	98.6	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.4	90.8	94.5	96.8	98.0	98.6	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.4	90.8	94.5	96.8	98.0	98.6	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	46.1	47.4	47.8	48.2	48.3	48.5	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9
GE 20000	52.7	55.0	56.3	56.8	57.2	57.3	57.6	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.1
GE 18000	53.0	55.2	56.6	57.1	57.5	57.6	57.8	58.0	58.0	58.1	58.2	58.2	58.2	58.3	58.3	58.3
GE 16000	53.0	55.2	56.6	57.1	57.5	57.6	57.8	58.0	58.0	58.1	58.2	58.2	58.2	58.3	58.3	58.3
GE 14000	53.6	55.9	57.3	57.8	58.2	58.3	58.5	58.7	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0
GE 12000	54.4	56.8	58.2	58.6	59.1	59.2	59.4	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9
GE 10000	57.1	59.7	61.2	61.7	62.1	62.2	62.5	62.6	62.6	62.8	62.8	62.8	62.9	62.9	63.0	63.0
GE 9000	58.0	60.6	62.1	62.6	63.0	63.1	63.4	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.9	63.9
GE 8000	60.8	63.5	65.2	65.6	66.1	66.2	66.4	66.6	66.6	66.7	66.8	66.8	66.9	66.9	67.0	67.0
GE 7000	61.3	64.2	65.8	66.3	66.8	66.9	67.1	67.3	67.3	67.4	67.5	67.5	67.6	67.6	67.7	67.7
GE 6000	62.6	65.5	67.3	67.8	68.3	68.4	68.7	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2
GE 5000	64.7	67.9	69.9	70.5	71.0	71.2	71.4	71.6	71.6	71.8	71.8	71.8	71.9	72.0	72.0	72.0
GE 4500	66.6	69.9	72.0	72.7	73.4	73.5	73.8	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.4
GE 4000	68.1	71.7	73.9	74.7	75.4	75.6	75.9	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.5
GE 3500	70.0	73.7	76.0	76.9	77.6	77.8	78.1	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.7	78.7
GE 3000	71.8	75.9	78.3	79.2	80.1	80.3	80.5	80.7	80.7	80.8	80.9	80.9	81.0	81.1	81.1	81.1
GE 2500	74.2	78.4	81.0	82.0	82.9	83.1	83.4	83.6	83.6	83.8	83.8	83.8	83.9	84.0	84.0	84.0
GE 2000	76.5	81.1	83.9	85.1	86.1	86.3	86.7	86.9	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.3
GE 1800	77.2	82.0	84.9	86.1	87.1	87.4	87.8	88.0	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.4
GE 1500	79.0	84.2	87.3	88.7	89.8	90.1	90.5	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.2	91.2
GE 1200	80.2	86.0	89.3	90.9	92.1	92.5	92.9	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.6
GE 1000	80.6	86.7	90.2	91.8	93.2	93.5	93.9	94.2	94.2	94.3	94.5	94.5	94.5	94.6	94.6	94.6
GE 900	80.9	87.1	90.7	92.4	93.8	94.1	94.6	94.8	94.9	95.0	95.1	95.1	95.2	95.3	95.3	95.3
GE 800	81.2	87.5	91.2	93.1	94.6	95.0	95.5	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.3
GE 700	81.3	87.7	91.5	93.5	95.1	95.5	96.0	96.3	96.4	96.5	96.7	96.7	96.7	96.8	96.8	96.8
GE 600	81.5	88.1	92.0	94.1	95.9	96.4	96.9	97.3	97.3	97.5	97.6	97.6	97.7	97.8	97.8	97.8
GE 500	81.6	88.2	92.2	94.4	96.3	96.9	97.5	97.9	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5
GE 400	81.6	88.3	92.3	94.6	96.7	97.3	98.0	98.5	98.5	98.8	98.9	98.9	99.0	99.1	99.1	99.1
GE 300	81.7	88.3	92.4	94.7	96.8	97.5	98.3	98.9	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.6
GE 200	81.7	88.3	92.4	94.7	96.8	97.5	98.4	99.0	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.8
GE 100	81.7	88.3	92.4	94.7	96.8	97.5	98.4	99.0	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.9
GE 000	81.7	88.3	92.4	94.7	96.8	97.5	98.4	99.0	99.0	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	61.1	64.4	65.3	66.0	66.0	66.2	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.6	66.6
GE 20000	64.2	67.3	70.7	71.6	72.3	72.3	72.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9
GE 18000	64.2	67.3	70.7	71.6	72.3	72.3	72.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9
GE 16000	64.3	67.4	70.8	71.7	72.4	72.4	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	73.0	73.0
GE 14000	64.9	68.0	71.3	72.2	73.0	73.0	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.6	73.6
GE 12000	65.6	68.7	72.0	72.9	73.7	73.7	73.9	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.2
GE 10000	66.8	69.9	73.2	74.1	74.9	74.9	75.1	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.4	75.4
GE 9000	67.2	70.3	73.7	74.6	75.3	75.3	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9
GE 8000	69.9	73.3	76.9	77.8	78.6	78.6	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1
GE 7000	70.4	74.0	77.8	78.8	79.6	79.6	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1
GE 6000	71.4	75.0	79.0	80.0	80.8	80.8	81.0	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3
GE 5000	73.7	77.8	82.0	83.2	84.1	84.1	84.3	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.7	84.7
GE 4500	75.0	79.1	83.3	84.6	85.6	85.6	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1
GE 4000	76.0	80.1	84.3	85.6	86.6	86.6	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
GE 3500	76.4	80.6	85.1	86.3	87.6	87.6	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.1
GE 3000	77.4	81.6	86.3	87.7	88.9	88.9	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.4	89.4
GE 2500	79.4	83.7	88.4	89.9	91.3	91.3	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9
GE 2000	80.2	84.6	89.6	91.1	92.6	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2
GE 1800	80.9	85.2	90.3	91.9	93.3	93.4	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0
GE 1500	81.4	86.2	91.4	93.1	94.6	94.7	94.9	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2
GE 1200	81.9	86.8	92.1	93.8	95.2	95.4	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
GE 1000	82.1	87.0	92.4	94.1	95.7	95.9	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.6	96.6
GE 900	82.3	87.2	92.7	94.3	95.9	96.2	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 800	82.4	87.3	92.9	94.6	96.2	96.7	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6
GE 700	82.6	87.4	93.1	94.8	96.4	97.0	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.9	97.9
GE 600	82.6	87.7	93.4	95.1	96.8	97.3	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 500	82.7	87.8	93.8	95.4	97.2	97.8	98.2	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8
GE 400	82.8	87.9	94.0	95.9	97.7	98.2	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2
GE 300	82.8	87.9	94.0	96.0	97.8	98.3	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6
GE 200	82.8	87.9	94.1	96.1	97.9	98.4	99.0	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.9	100.0
GE 100	82.8	87.9	94.1	96.1	97.9	98.4	99.0	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.9	100.0
GE 000	82.8	87.9	94.1	96.1	97.9	98.4	99.0	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	55.2	59.2	60.7	62.1	62.2	62.7	63.3	63.4	63.9	63.9	63.9	64.0	64.1	64.2	64.2
GE 20000	54.8	60.2	65.0	66.4	67.9	68.0	68.4	69.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0
GE 18000	54.8	60.2	65.0	66.4	67.9	68.0	68.4	69.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0
GE 16000	54.8	60.2	65.0	66.4	67.9	68.0	68.4	69.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0
GE 14000	54.8	60.2	65.0	66.4	67.9	68.0	68.4	69.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0
GE 12000	55.1	60.8	65.6	67.0	68.4	68.6	69.0	69.7	69.8	70.2	70.2	70.2	70.3	70.4	70.6	70.6
GE 10000	57.3	63.4	68.3	69.8	71.2	71.3	71.8	72.4	72.6	73.0	73.0	73.0	73.1	73.2	73.3	73.3
GE 9000	57.7	63.8	68.7	70.1	71.6	71.7	72.1	72.8	72.9	73.3	73.3	73.3	73.4	73.6	73.7	73.7
GE 8000	59.8	66.3	71.4	72.9	74.4	74.6	75.0	75.7	75.8	76.2	76.2	76.2	76.3	76.4	76.6	76.6
GE 7000	60.3	66.9	72.1	73.6	75.2	75.3	75.8	76.4	76.6	77.0	77.0	77.0	77.1	77.2	77.3	77.3
GE 6000	60.9	67.7	72.9	74.3	76.0	76.1	76.7	77.3	77.4	77.9	77.9	77.9	78.0	78.1	78.2	78.2
GE 5000	62.8	70.1	75.7	77.2	78.9	79.0	79.6	80.2	80.3	80.8	80.8	80.8	80.9	81.0	81.1	81.1
GE 4500	63.6	70.9	76.8	78.4	80.1	80.2	80.8	81.4	81.6	82.0	82.0	82.0	82.1	82.2	82.3	82.3
GE 4000	64.9	72.2	78.1	79.9	81.8	81.9	82.4	83.1	83.2	83.7	83.7	83.7	83.8	83.9	84.0	84.0
GE 3500	65.8	73.2	79.1	80.9	82.8	82.9	83.6	84.2	84.3	84.8	84.8	84.8	84.9	85.0	85.1	85.1
GE 3000	66.1	73.6	79.4	81.4	83.7	83.8	84.6	85.2	85.3	85.8	85.8	85.8	85.9	86.0	86.1	86.1
GE 2500	67.6	75.2	81.1	83.6	85.8	85.9	86.7	87.3	87.4	87.9	87.9	87.9	88.0	88.1	88.2	88.2
GE 2000	69.6	77.2	83.3	85.8	88.1	88.2	89.1	89.9	90.0	90.4	90.4	90.4	90.6	90.7	90.8	90.8
GE 1800	70.2	78.0	84.1	86.6	89.0	89.1	90.0	90.8	90.9	91.3	91.3	91.3	91.4	91.6	91.7	91.7
GE 1500	71.0	79.0	85.3	87.8	90.4	90.6	91.4	92.2	92.3	92.8	92.8	92.8	92.9	93.0	93.1	93.1
GE 1200	71.6	79.6	85.9	88.3	91.0	91.1	92.0	92.8	92.9	93.3	93.3	93.3	93.4	93.6	93.7	93.7
GE 1000	72.2	80.4	86.9	89.3	92.3	92.4	93.3	94.1	94.2	94.7	94.7	94.7	94.8	94.9	95.0	95.0
GE 900	72.3	80.8	87.2	89.7	92.7	92.8	93.7	94.4	94.6	95.0	95.0	95.0	95.1	95.2	95.3	95.3
GE 800	72.4	80.9	87.6	90.2	93.4	93.6	94.4	95.3	95.4	95.9	95.9	95.9	96.0	96.1	96.2	96.2
GE 700	72.7	81.1	87.8	90.9	94.1	94.2	95.1	96.0	96.1	96.6	96.6	96.6	96.7	96.8	96.9	96.9
GE 600	72.7	81.2	88.0	91.1	94.6	94.7	95.6	96.4	96.6	97.0	97.0	97.0	97.1	97.2	97.3	97.3
GE 500	72.8	81.4	88.3	91.6	95.1	95.2	96.1	97.0	97.1	97.6	97.6	97.6	97.7	97.8	97.9	97.9
GE 400	73.0	81.8	88.8	92.0	95.7	95.8	96.8	97.9	98.0	98.4	98.4	98.4	98.6	98.7	98.8	98.8
GE 300	73.0	81.8	89.0	92.2	95.9	96.1	97.2	98.3	98.4	98.9	98.9	98.9	99.0	99.1	99.2	99.2
GE 200	73.0	81.8	89.0	92.2	95.9	96.1	97.2	98.3	98.4	98.9	98.9	98.9	99.0	99.1	99.2	99.3
GE 100	73.0	81.8	89.0	92.2	95.9	96.1	97.2	98.3	98.4	98.9	98.9	98.9	99.1	99.2	99.4	99.7
GE 000	73.0	81.8	89.0	92.2	95.9	96.1	97.2	98.3	98.4	98.9	98.9	98.9	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	47.4	50.6	51.8	52.9	53.1	53.3	53.7	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3
GE 20000	48.2	53.7	57.2	58.8	60.0	60.3	60.6	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.6	61.6
GE 18000	48.3	53.8	57.3	58.9	60.1	60.4	60.7	61.0	61.3	61.6	61.6	61.6	61.6	61.6	61.7	61.7
GE 16000	48.4	53.9	57.4	59.0	60.2	60.6	60.8	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 14000	49.0	54.6	58.1	59.7	60.9	61.2	61.4	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4
GE 12000	49.8	55.4	59.0	60.7	61.9	62.2	62.4	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 10000	52.8	58.8	62.3	64.0	65.2	65.6	65.8	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.8	66.8
GE 9000	53.2	59.2	62.8	64.4	65.7	66.0	66.2	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.2	67.2
GE 8000	55.2	61.8	65.7	67.3	68.9	69.2	69.4	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6
GE 7000	55.4	62.2	66.2	67.9	69.4	69.8	70.0	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 6000	56.0	63.0	67.1	68.8	70.3	70.7	70.9	71.3	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.0
GE 5000	58.8	65.9	70.1	71.9	73.4	73.8	74.0	74.4	74.8	75.1	75.1	75.1	75.1	75.1	75.2	75.2
GE 4500	59.2	66.4	70.7	72.4	74.0	74.3	74.6	75.0	75.3	75.7	75.7	75.7	75.7	75.7	75.8	75.8
GE 4000	61.3	68.9	73.3	75.2	77.0	77.4	77.7	78.1	78.4	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 3500	62.1	70.0	74.6	76.4	78.3	78.9	79.1	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.6	80.6
GE 3000	62.7	70.6	75.1	77.2	79.2	79.8	80.0	80.7	81.0	81.4	81.4	81.4	81.4	81.4	81.7	81.7
GE 2500	63.8	72.3	77.0	79.3	81.3	81.9	82.1	82.8	83.1	83.6	83.6	83.6	83.6	83.6	83.8	83.8
GE 2000	65.4	74.4	79.3	81.7	83.8	84.3	84.6	85.2	85.6	86.0	86.0	86.0	86.0	86.0	86.2	86.2
GE 1800	65.9	75.0	80.0	82.3	84.4	85.0	85.2	85.9	86.2	86.7	86.7	86.7	86.7	86.7	86.9	86.9
GE 1500	66.8	76.4	81.9	84.6	87.0	87.6	87.8	88.6	88.9	89.3	89.3	89.3	89.3	89.3	89.6	89.6
GE 1200	68.3	78.1	83.8	86.6	89.8	90.3	90.6	91.3	91.7	92.1	92.1	92.1	92.1	92.1	92.4	92.4
GE 1000	68.6	78.8	84.7	87.6	90.9	91.4	91.7	92.4	92.8	93.2	93.2	93.2	93.2	93.2	93.6	93.6
GE 900	68.6	78.8	84.8	87.8	91.1	91.8	92.0	92.8	93.1	93.6	93.6	93.6	93.6	93.6	93.9	93.9
GE 800	68.6	79.1	85.3	88.4	91.8	92.4	92.7	93.4	93.8	94.2	94.2	94.2	94.2	94.2	94.6	94.6
GE 700	68.7	79.3	85.8	89.2	92.8	93.6	93.9	94.7	95.0	95.4	95.4	95.4	95.4	95.4	95.8	95.8
GE 600	68.7	79.4	86.4	89.9	93.7	94.7	95.0	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.9	96.9
GE 500	68.7	79.4	86.8	90.3	94.4	95.4	95.8	96.8	97.1	97.6	97.6	97.6	97.6	97.6	97.9	97.9
GE 400	68.7	79.4	86.8	90.3	94.4	95.4	95.8	96.9	97.4	97.9	98.1	98.1	98.1	98.1	98.4	98.4
GE 300	68.7	79.6	86.9	90.4	94.6	95.6	95.9	97.1	97.8	98.2	98.7	98.7	98.7	98.7	99.0	99.0
GE 200	68.7	79.6	86.9	90.4	94.6	95.6	95.9	97.1	97.9	98.3	98.8	99.1	99.1	99.1	99.4	99.7
GE 100	68.7	79.6	86.9	90.4	94.6	95.6	95.9	97.1	97.9	98.3	98.8	99.1	99.3	99.3	99.7	99.9
GE 000	68.7	79.6	86.9	90.4	94.6	95.6	95.9	97.1	97.9	98.3	98.8	99.1	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	52.4	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	57.9	59.1	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	57.9	59.1	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	57.9	59.1	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	58.3	59.6	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	60.1	61.4	62.6	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	62.3	63.8	64.9	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	63.1	64.7	65.8	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	65.9	67.4	68.6	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	66.8	68.3	69.4	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	67.3	68.9	70.0	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	70.1	71.8	72.9	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	70.2	71.9	73.1	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	71.4	73.2	74.6	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	73.3	75.3	76.7	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	75.0	77.0	78.4	79.0	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500	77.3	79.4	81.2	81.9	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2000	80.6	83.4	85.7	86.4	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	81.0	84.3	86.7	87.7	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	83.6	87.2	90.3	91.3	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	84.3	88.7	92.1	93.4	94.0	94.2	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	84.8	89.3	93.0	94.4	95.0	95.2	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	85.1	89.7	93.3	94.9	95.6	95.8	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	85.3	89.9	93.9	95.6	96.2	96.4	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	85.7	90.2	94.2	95.9	96.7	96.9	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	85.7	90.4	94.4	96.3	97.2	97.6	97.9	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	85.7	90.6	94.8	96.8	97.8	98.2	98.6	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	85.7	90.6	94.9	96.9	98.0	98.4	98.9	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	85.7	90.6	95.0	97.0	98.1	98.6	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.7	90.6	95.0	97.0	98.1	98.6	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.7	90.6	95.0	97.0	98.1	98.6	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.7	90.6	95.0	97.0	98.1	98.6	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	61.1	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 18000	61.4	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 16000	61.4	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 14000	61.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	63.8	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	66.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	67.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	70.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	70.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	71.1	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	73.7	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	75.3	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	76.9	78.7	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3500	80.1	81.9	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3000	83.6	85.8	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	85.7	88.7	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	88.6	91.8	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	89.1	92.6	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	90.2	94.0	95.1	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	91.0	95.0	96.2	96.8	97.2	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	91.3	95.3	96.6	97.3	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	91.4	95.6	96.8	97.6	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	91.7	95.8	97.0	97.8	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	91.8	96.0	97.2	98.0	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	91.9	96.3	97.6	98.3	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	91.9	96.3	97.8	98.6	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	91.9	96.3	97.8	98.6	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.9	96.3	97.8	98.6	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.9	96.3	97.8	98.6	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.9	96.3	97.8	98.6	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.9	96.3	97.8	98.6	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	64.7	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	64.9	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	65.0	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	65.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 12000	67.6	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	71.2	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	72.2	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 8000	75.8	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	76.4	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	77.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	80.8	81.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	82.4	83.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	85.1	86.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	86.3	87.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	88.1	89.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	89.8	91.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	91.6	93.4	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	91.6	93.4	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	92.0	94.1	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	92.4	95.0	96.7	97.0	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	92.7	95.7	97.4	97.8	98.2	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	92.8	95.8	97.6	97.9	98.3	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	93.1	96.1	97.9	98.2	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	93.2	96.3	98.2	98.6	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	93.3	96.4	98.3	98.7	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	93.3	96.4	98.3	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.3	96.4	98.3	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.3	96.4	98.3	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.3	96.4	98.3	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.3	96.4	98.3	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.3	96.4	98.3	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	59.1	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	67.3	69.0	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 18000	67.6	69.2	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	67.7	69.3	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 14000	68.1	69.9	70.1	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	71.1	72.9	73.1	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	73.8	75.6	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 9000	74.1	75.9	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	76.9	78.9	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	77.8	79.8	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	78.8	80.9	81.2	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	82.1	84.7	85.1	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	84.1	86.8	87.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	85.9	88.6	89.2	90.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	87.2	90.2	91.0	92.1	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	88.1	91.6	92.6	93.7	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	88.8	92.3	93.4	94.6	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	88.8	92.3	93.4	94.6	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	88.8	92.4	93.6	94.7	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	89.1	93.1	94.2	95.4	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	89.4	93.7	94.9	96.1	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	89.4	93.7	95.0	96.2	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	89.4	93.7	95.0	96.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	89.8	94.0	95.4	96.8	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	90.2	94.6	96.0	97.3	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	90.3	94.8	96.2	97.7	98.9	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	90.3	94.8	96.2	97.7	99.0	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	90.3	94.8	96.2	97.7	99.0	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	90.3	94.8	96.2	97.7	99.0	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	90.3	94.8	96.2	97.7	99.0	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.3	94.8	96.2	97.7	99.0	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.3	94.8	96.2	97.7	99.0	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	64.6	65.6	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	68.8	70.8	71.8	72.2	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	68.8	70.8	71.8	72.2	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	68.9	70.9	71.9	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	69.2	71.2	72.2	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	70.8	72.8	73.8	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 10000	74.6	76.6	77.7	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	74.9	76.9	78.0	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	77.4	79.6	80.7	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	78.4	80.6	81.7	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	79.6	81.9	83.0	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	82.8	85.8	86.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4500	83.8	87.0	88.3	89.3	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	85.2	88.6	90.0	91.0	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	86.2	89.8	91.2	92.3	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	87.0	91.0	92.6	93.9	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	87.6	91.7	93.3	94.7	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	87.9	92.1	93.8	95.1	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	87.9	92.1	93.9	95.2	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	88.2	92.4	94.2	95.6	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	88.6	92.8	94.7	96.0	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	88.8	93.0	95.0	96.3	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	88.8	93.1	95.1	96.4	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	88.8	93.3	95.4	96.8	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	89.0	93.6	95.7	97.0	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	89.0	93.7	95.8	97.1	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	89.1	93.8	96.0	97.3	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	89.3	94.0	96.4	97.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	89.3	94.0	96.4	97.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	89.3	94.0	96.4	97.8	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.3	94.0	96.4	97.8	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.3	94.0	96.4	97.8	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	55.7	57.3	57.8	58.3	58.3	58.5	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	60.9	63.4	65.2	65.8	66.3	66.4	66.5	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 18000	61.0	63.5	65.3	65.9	66.4	66.5	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0
GE 16000	61.1	63.6	65.4	66.0	66.5	66.6	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1
GE 14000	61.5	64.0	65.8	66.4	66.9	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 12000	63.0	65.6	67.4	68.1	68.6	68.7	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	65.6	68.5	70.3	71.0	71.5	71.6	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	66.3	69.1	71.0	71.6	72.2	72.2	72.3	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7
GE 8000	68.9	72.0	74.0	74.6	75.2	75.3	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8
GE 7000	69.5	72.7	74.7	75.4	76.0	76.1	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6
GE 6000	70.3	73.6	75.7	76.4	77.0	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	73.1	76.7	78.9	79.8	80.4	80.5	80.6	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0
GE 4500	74.2	77.9	80.2	81.2	81.8	81.9	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5
GE 4000	75.8	79.6	82.0	83.0	83.7	83.8	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 3500	77.2	81.1	83.6	84.6	85.5	85.6	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2
GE 3000	78.5	82.6	85.3	86.3	87.3	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1
GE 2500	80.0	84.4	87.1	88.3	89.3	89.4	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1
GE 2000	81.6	86.2	89.1	90.3	91.3	91.5	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2
GE 1800	81.9	86.6	89.6	90.9	91.9	92.1	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 1500	82.8	87.8	91.0	92.4	93.6	93.7	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5
GE 1200	83.4	88.7	92.0	93.5	94.9	95.1	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9
GE 1000	83.7	89.2	92.6	94.1	95.6	95.8	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7
GE 900	83.8	89.3	92.8	94.3	95.9	96.1	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 800	84.0	89.6	93.2	94.8	96.4	96.6	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 700	84.2	89.8	93.5	95.2	96.9	97.1	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 600	84.3	90.0	93.8	95.5	97.3	97.6	97.9	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 500	84.3	90.1	94.0	95.8	97.6	98.0	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 400	84.4	90.2	94.2	96.0	97.8	98.2	98.6	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 300	84.4	90.2	94.2	96.1	97.9	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7
GE 200	84.4	90.2	94.2	96.1	97.9	98.3	98.7	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.9
GE 100	84.4	90.2	94.2	96.1	97.9	98.3	98.7	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 000	84.4	90.2	94.2	96.1	97.9	98.3	98.7	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.5	60.1	64.7	66.0	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	57.6	65.8	71.0	72.4	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	57.6	65.8	71.0	72.4	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	57.6	65.8	71.0	72.4	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	58.6	66.8	71.9	73.3	73.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 12000	59.7	67.8	73.0	74.4	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 10000	62.9	71.3	76.5	78.0	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	62.9	71.3	76.5	78.0	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	66.0	74.5	79.9	81.5	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	66.5	74.9	80.5	82.2	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	66.9	75.7	81.4	83.0	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	68.0	77.1	83.0	84.7	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4500	68.8	78.4	84.3	86.0	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	70.0	79.9	85.9	87.8	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	70.5	80.9	86.9	88.9	89.1	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	70.8	81.1	87.3	89.4	89.8	90.2	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	71.8	82.3	88.6	90.6	91.1	91.5	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	72.6	83.1	89.7	91.9	92.4	92.9	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	72.8	83.3	89.9	92.3	92.7	93.2	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	73.0	83.9	90.6	93.0	93.5	94.1	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	73.5	84.6	91.5	94.1	94.9	95.5	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	74.1	85.3	92.3	94.9	95.9	96.5	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	74.2	85.4	92.5	95.4	96.3	96.9	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	74.3	85.5	92.8	95.8	96.8	97.3	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	74.3	85.6	93.1	96.1	97.2	97.7	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	74.8	86.1	93.7	96.7	97.7	98.3	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	75.2	86.6	94.2	97.3	98.4	98.9	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	75.2	86.6	94.2	97.3	98.4	98.9	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	75.2	86.6	94.3	97.4	98.5	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	75.2	86.6	94.3	97.4	98.6	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.2	86.6	94.3	97.4	98.6	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.2	86.6	94.3	97.4	98.6	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.4	43.3	52.5	54.9	57.4	58.0	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	35.4	47.4	57.1	60.0	62.7	63.2	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	35.5	47.5	57.2	60.1	62.8	63.3	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	35.5	47.5	57.2	60.1	62.8	63.3	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	36.5	48.7	58.7	61.6	64.3	64.8	65.5	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	37.5	49.8	59.8	62.7	65.4	66.0	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	40.4	53.1	63.8	66.9	69.9	70.6	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	40.8	53.4	64.2	67.3	70.3	71.1	71.7	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	42.7	55.7	66.7	70.3	73.4	74.2	74.9	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	42.7	55.7	66.7	70.3	73.4	74.2	74.9	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	42.8	55.8	67.0	70.6	73.8	74.5	75.3	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	44.1	57.5	68.8	72.6	75.7	76.5	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	44.5	58.0	69.4	73.1	76.2	77.0	77.7	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	45.8	59.5	71.5	75.9	79.1	79.9	80.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	46.2	60.2	72.6	77.0	80.2	81.0	81.7	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000	46.7	61.0	73.5	78.2	81.6	82.4	83.1	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	47.6	62.2	74.7	79.6	83.1	83.9	84.6	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	48.7	63.2	75.9	81.1	84.9	85.7	86.5	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	49.4	64.1	76.9	82.2	86.1	86.9	87.6	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	50.0	65.1	78.2	83.4	87.5	88.3	89.0	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	50.9	66.2	80.0	85.4	89.5	90.2	91.0	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	51.5	67.3	81.7	87.4	91.7	92.5	93.2	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	51.6	67.7	82.4	88.2	92.6	93.3	94.1	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	51.6	67.7	82.5	88.5	93.2	94.0	94.7	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	51.6	68.1	83.2	89.2	94.1	94.8	95.6	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	51.8	68.6	83.8	89.8	94.7	95.5	96.2	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	51.9	68.7	83.9	89.9	95.1	95.9	96.8	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	51.9	68.7	83.9	89.9	95.1	95.9	96.8	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	51.9	68.7	83.9	89.9	95.4	96.5	97.5	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.6
GE 200	51.9	68.7	83.9	89.9	95.5	96.6	97.7	98.2	98.4	98.7	98.8	98.8	99.2	99.2	99.4	99.6
GE 100	51.9	68.7	83.9	89.9	95.5	96.6	97.7	98.2	98.4	98.7	98.8	98.8	99.2	99.2	99.8	100.0
GE 000	51.9	68.7	83.9	89.9	95.5	96.6	97.7	98.2	98.4	98.7	98.8	98.8	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.4	42.2	46.1	48.7	50.2	50.6	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	37.7	46.7	51.3	53.9	55.6	56.1	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	37.8	46.9	51.5	54.1	55.8	56.3	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	38.0	47.0	51.6	54.2	55.9	56.5	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000	38.1	47.1	51.7	54.3	56.0	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	38.7	47.8	52.6	55.2	56.9	57.4	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	42.4	52.4	57.7	60.3	62.5	63.0	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	43.7	53.9	59.2	61.8	64.0	64.5	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	46.2	57.0	62.7	65.8	68.2	69.0	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	46.6	57.7	63.4	66.6	68.9	69.8	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	46.8	58.1	63.8	66.9	69.2	70.1	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	47.8	59.6	65.5	68.9	71.3	72.2	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	48.6	60.5	66.6	70.1	72.6	73.4	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	49.5	61.6	67.7	71.5	74.0	74.8	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	50.2	62.5	68.6	72.4	74.8	75.7	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	51.3	63.8	70.1	74.3	76.8	77.6	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	51.7	64.5	71.2	75.5	78.0	78.8	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	53.3	66.5	73.3	77.7	80.3	81.2	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	53.8	67.0	74.0	78.4	81.1	81.9	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	54.7	68.5	75.9	80.8	83.8	84.7	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	55.6	69.8	78.3	83.7	87.0	88.0	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	56.1	70.6	79.5	85.3	89.0	90.0	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	56.1	71.0	80.1	85.9	89.9	90.9	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	56.6	71.7	81.0	86.8	91.1	92.2	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	56.8	72.2	81.9	88.2	92.9	94.0	94.8	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	56.9	72.3	82.2	88.5	93.8	94.8	95.7	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	57.1	72.5	82.4	88.9	94.7	95.8	96.9	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	57.1	72.5	82.5	89.0	94.9	96.0	97.3	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 300	57.1	72.5	82.5	89.1	95.1	96.1	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.9	98.9	99.0
GE 200	57.1	72.5	82.5	89.1	95.1	96.2	97.7	98.0	98.4	98.8	98.8	98.8	98.8	99.4	99.4	99.9
GE 100	57.1	72.5	82.5	89.1	95.1	96.2	97.7	98.0	98.4	98.8	98.8	98.8	98.8	99.4	99.4	100.0
GE 000	57.1	72.5	82.5	89.1	95.1	96.2	97.7	98.0	98.4	98.8	98.8	98.8	98.8	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	49.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	51.8	56.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	51.8	56.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 16000	51.9	56.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	52.5	57.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	53.5	58.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	56.6	61.7	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9000	57.5	62.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	59.9	65.3	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	60.8	66.3	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	61.1	66.7	68.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000	61.8	67.5	69.7	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	63.1	68.9	71.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	64.7	70.9	73.3	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	66.5	72.6	75.2	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	69.0	75.3	78.0	78.7	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2500	71.5	78.0	81.1	81.9	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	74.8	82.0	85.3	86.3	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	75.5	82.9	86.1	87.2	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	77.7	85.7	89.9	91.0	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	79.5	87.7	92.4	93.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	80.1	88.8	94.1	95.4	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	80.2	88.9	94.3	95.7	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	80.5	89.4	94.9	96.6	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	80.6	89.5	95.2	96.9	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	80.6	89.6	95.3	97.0	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	80.6	89.6	95.6	97.3	99.0	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	80.6	89.6	95.7	97.4	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.6	89.6	95.7	97.4	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.6	89.6	95.7	97.4	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.6	89.6	95.7	97.4	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.6	89.6	95.7	97.4	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	59.1	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	59.4	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	59.4	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	60.1	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	60.3	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 10000	63.0	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	63.4	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	64.7	69.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	65.5	70.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	66.5	71.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	68.6	74.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	70.3	75.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4000	74.0	79.5	80.6	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	77.8	84.3	85.7	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	80.9	87.6	89.1	89.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	82.7	89.7	91.5	91.9	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	84.6	91.9	93.9	94.4	95.2	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	84.9	92.3	94.3	94.8	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	85.7	93.4	95.5	96.1	97.0	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	86.5	94.2	96.5	97.1	98.2	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	86.5	94.2	96.6	97.4	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	86.5	94.2	96.6	97.4	98.5	98.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	86.6	94.3	96.7	97.6	98.7	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	86.6	94.4	96.8	97.7	98.8	99.0	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	86.6	94.4	96.8	97.7	98.8	99.0	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	86.7	94.5	96.9	97.8	98.9	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	86.7	94.5	96.9	97.8	98.9	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.7	94.5	96.9	97.8	98.9	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.7	94.5	96.9	97.8	98.9	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.7	94.5	96.9	97.8	98.9	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.7	94.5	96.9	97.8	98.9	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	52.7	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	63.8	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	64.2	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	64.3	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	65.4	68.8	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	67.1	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	71.2	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	71.9	76.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	76.3	80.9	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	76.6	81.1	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	77.1	81.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	78.2	82.9	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	79.4	84.5	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	82.6	88.2	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	85.5	91.3	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	86.8	93.0	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	87.3	93.7	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	88.5	94.9	97.0	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	88.6	95.1	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	88.9	95.4	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	89.2	95.7	98.1	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	89.4	95.8	98.2	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	89.4	95.8	98.2	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.5	95.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	62.2	66.8	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	62.3	66.9	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	62.3	66.9	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	63.4	68.2	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 12000	64.6	69.4	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	69.5	74.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	70.1	75.1	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	73.3	78.4	80.1	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	73.8	79.0	80.8	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	74.5	79.8	81.5	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	77.2	82.7	84.4	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	78.1	84.0	85.7	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4000	80.1	86.1	88.1	88.9	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	82.3	88.5	90.4	91.4	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	83.9	90.3	92.5	93.7	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	84.6	91.1	93.3	94.6	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	84.9	91.5	93.9	95.4	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	85.3	91.8	94.2	95.7	97.0	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	85.8	92.4	94.7	96.3	97.8	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	86.1	92.7	95.2	97.0	98.5	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	86.2	92.8	95.3	97.2	98.7	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	86.2	92.8	95.3	97.2	98.7	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	86.3	92.9	95.4	97.3	98.8	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	86.3	92.9	95.5	97.4	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	86.5	93.0	95.6	97.5	99.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	86.5	93.0	95.6	97.5	99.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	86.5	93.0	95.7	97.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.5	93.0	95.7	97.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.5	93.0	95.7	97.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.5	93.0	95.7	97.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.5	93.0	95.7	97.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	63.7	64.8	65.1	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	63.7	70.1	72.3	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 18000	63.7	70.1	72.3	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	63.7	70.1	72.3	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	64.9	71.4	73.5	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 12000	65.8	72.4	74.6	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 10000	70.3	77.0	79.2	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	70.5	77.2	79.5	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	73.1	79.9	82.3	83.3	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	73.4	80.2	82.8	83.9	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	74.2	81.3	83.9	84.9	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 5000	75.4	82.8	85.4	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	76.0	83.9	86.5	87.6	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	77.3	85.5	88.2	89.5	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	78.6	87.0	89.7	91.2	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 3000	80.1	88.5	91.4	93.0	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 2500	81.1	89.7	92.7	94.5	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 2000	81.4	90.0	93.0	94.9	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 1800	81.6	90.2	93.3	95.3	95.8	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 1500	81.8	90.5	93.8	95.8	96.3	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 1200	82.0	91.0	94.3	96.3	96.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 1000	82.3	91.2	94.7	96.9	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	82.4	91.3	94.8	97.0	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	82.5	91.4	94.9	97.1	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 700	82.6	91.5	95.1	97.2	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 600	82.6	91.5	95.3	97.4	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 500	82.7	91.6	95.4	97.5	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 400	82.7	91.6	95.4	97.5	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	82.7	91.6	95.4	97.5	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	82.7	91.6	95.4	97.5	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	82.7	91.6	95.4	97.5	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	82.7	91.6	95.4	97.5	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	52.3	55.0	55.8	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	53.9	60.3	63.4	64.4	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	54.0	60.5	63.6	64.6	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	54.1	60.5	63.6	64.6	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	54.9	61.5	64.7	65.6	66.2	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	55.9	62.6	65.8	66.8	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	59.5	66.6	70.1	71.1	71.8	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	60.1	67.3	70.7	71.8	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	62.8	70.2	74.0	75.3	76.1	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	63.2	70.7	74.6	75.9	76.7	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	63.7	71.3	75.2	76.6	77.4	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	65.1	73.0	77.0	78.5	79.3	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	66.1	74.2	78.3	79.8	80.6	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	68.0	76.4	80.7	82.3	83.3	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	69.7	78.4	82.8	84.5	85.5	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 3000	71.2	80.1	84.6	86.5	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	72.3	81.4	86.1	88.1	89.3	89.6	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	73.6	82.9	87.7	89.9	91.3	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800	74.0	83.3	88.2	90.4	91.8	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 1500	74.7	84.4	89.5	91.8	93.3	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	75.4	85.2	90.8	93.2	94.9	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	75.8	85.8	91.5	94.2	96.0	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	75.8	85.9	91.8	94.5	96.4	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 800	76.0	86.1	92.1	94.9	96.8	97.3	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	76.0	86.3	92.4	95.3	97.3	97.8	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	76.2	86.4	92.6	95.5	97.6	98.1	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	76.3	86.5	92.8	95.7	98.0	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 400	76.3	86.5	92.8	95.7	98.0	98.5	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	76.3	86.5	92.8	95.8	98.1	98.6	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	76.3	86.5	92.8	95.8	98.1	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	76.3	86.5	92.8	95.8	98.1	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	76.3	86.5	92.8	95.8	98.1	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	60.6	69.0	72.2	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 20000	55.9	66.6	75.7	79.3	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 18000	55.9	66.6	75.7	79.3	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 16000	55.9	66.6	75.7	79.3	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 14000	56.0	66.8	76.0	79.7	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 12000	56.9	67.8	77.2	80.9	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 10000	59.4	71.1	80.8	84.8	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000	59.4	71.1	80.8	84.8	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 8000	61.6	73.6	83.3	87.3	89.0	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 7000	62.0	74.2	84.0	88.0	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	62.0	74.3	84.1	88.1	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	62.8	75.2	85.0	89.3	91.0	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	63.0	75.6	85.3	89.7	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	64.4	77.0	87.0	91.4	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	64.8	77.7	87.7	92.1	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	65.7	78.9	88.9	93.4	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	65.8	79.1	89.1	93.7	95.3	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	66.0	79.3	89.3	93.9	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	66.0	79.3	89.3	94.0	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	66.1	79.6	89.6	94.4	96.1	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	66.6	80.1	90.4	95.3	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	66.7	80.3	90.7	95.6	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	67.0	80.7	91.0	95.9	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	67.1	80.9	91.2	96.1	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	67.3	81.1	91.4	96.3	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	67.9	81.8	92.1	97.0	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	68.1	82.0	92.4	97.4	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	68.1	82.0	92.4	97.4	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	68.1	82.0	92.4	97.4	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	68.1	82.0	92.4	97.4	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.1	82.0	92.4	97.4	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.1	82.0	92.4	97.4	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.9	39.8	50.9	57.0	62.0	62.6	64.2	64.3	64.4	64.7	64.7	64.8	65.0	65.0	65.0	65.0
GE 20000	32.6	45.1	57.9	64.4	69.7	70.2	71.9	72.1	72.2	72.7	72.7	72.8	73.0	73.0	73.0	73.0
GE 18000	32.6	45.1	57.9	64.4	69.7	70.2	71.9	72.1	72.2	72.7	72.7	72.8	73.0	73.0	73.0	73.0
GE 16000	32.6	45.1	57.9	64.4	69.7	70.2	71.9	72.1	72.2	72.7	72.7	72.8	73.0	73.0	73.0	73.0
GE 14000	32.6	45.3	58.2	64.9	70.1	70.7	72.3	72.6	72.7	73.1	73.1	73.2	73.4	73.4	73.4	73.4
GE 12000	33.3	46.2	59.4	66.3	71.7	72.2	73.9	74.1	74.2	74.7	74.7	74.8	75.0	75.0	75.0	75.0
GE 10000	36.4	49.6	63.9	71.4	77.7	78.2	80.1	80.4	80.6	81.0	81.0	81.1	81.3	81.3	81.3	81.3
GE 9000	36.4	49.6	63.9	71.4	77.7	78.2	80.1	80.4	80.6	81.0	81.0	81.1	81.3	81.3	81.3	81.3
GE 8000	38.9	52.8	67.7	75.4	81.9	82.4	84.4	84.8	84.9	85.3	85.3	85.4	85.7	85.7	85.7	85.7
GE 7000	39.2	53.1	68.1	75.9	82.3	82.9	84.9	85.2	85.3	85.8	85.8	85.9	86.1	86.1	86.1	86.1
GE 6000	39.2	53.1	68.1	75.9	82.3	82.9	84.9	85.2	85.3	85.8	85.8	85.9	86.1	86.1	86.1	86.1
GE 5000	39.7	53.6	69.0	76.8	83.2	83.8	85.8	86.1	86.2	86.7	86.7	86.8	87.0	87.0	87.0	87.0
GE 4500	39.8	53.8	69.2	77.0	83.4	84.0	86.0	86.3	86.4	86.9	86.9	87.0	87.2	87.2	87.2	87.2
GE 4000	40.1	54.2	69.8	77.9	84.4	85.0	87.0	87.3	87.4	87.9	87.9	88.0	88.2	88.2	88.2	88.2
GE 3500	40.4	54.7	70.3	78.4	85.1	85.7	87.7	88.0	88.1	88.6	88.6	88.7	88.9	88.9	88.9	88.9
GE 3000	40.7	55.0	70.9	79.0	85.9	86.4	88.4	88.8	88.9	89.3	89.3	89.4	89.7	89.7	89.7	89.7
GE 2500	40.9	55.2	71.1	79.2	86.1	86.7	88.7	89.0	89.1	89.6	89.6	89.7	89.9	89.9	89.9	89.9
GE 2000	41.7	56.2	72.4	80.7	87.6	88.1	90.1	90.4	90.6	91.0	91.0	91.1	91.3	91.3	91.3	91.3
GE 1800	41.9	56.6	72.8	81.2	88.1	88.7	90.7	91.0	91.1	91.6	91.6	91.7	91.9	91.9	91.9	91.9
GE 1500	42.2	56.9	73.1	81.8	88.8	89.3	91.3	91.7	91.8	92.2	92.2	92.3	92.6	92.6	92.6	92.6
GE 1200	42.9	57.6	74.1	82.8	89.8	90.3	92.4	92.8	92.9	93.4	93.4	93.6	93.8	93.8	93.8	93.8
GE 1000	43.2	57.9	74.4	83.1	90.1	90.7	92.8	93.1	93.2	93.8	93.8	93.9	94.1	94.1	94.1	94.1
GE 900	43.3	58.2	74.9	83.6	90.6	91.1	93.2	93.6	93.7	94.2	94.2	94.3	94.6	94.6	94.6	94.6
GE 800	43.6	58.7	75.6	84.3	91.3	91.9	94.0	94.3	94.4	95.0	95.0	95.1	95.3	95.3	95.3	95.3
GE 700	43.9	59.0	76.1	84.9	91.9	92.4	94.6	94.9	95.0	95.6	95.6	95.7	95.9	95.9	95.9	95.9
GE 600	44.6	59.8	77.0	85.8	92.8	93.3	95.4	95.8	95.9	96.4	96.4	96.6	96.8	96.8	96.8	96.8
GE 500	44.7	60.1	77.9	86.7	93.7	94.2	96.6	96.9	97.0	97.6	97.6	97.7	97.9	97.9	97.9	97.9
GE 400	44.9	60.3	78.2	87.1	94.1	94.7	97.1	97.4	97.6	98.1	98.1	98.2	98.4	98.4	98.4	98.4
GE 300	44.9	60.4	78.3	87.2	94.2	94.8	97.3	97.7	97.8	98.3	98.3	98.4	98.7	98.7	98.7	98.8
GE 200	44.9	60.7	78.7	87.6	94.8	95.3	97.9	98.2	98.3	98.9	99.0	99.1	99.8	99.8	99.8	99.9
GE 100	44.9	60.7	78.7	87.6	94.8	95.3	97.9	98.2	98.3	98.9	99.0	99.1	99.8	99.8	99.8	100.0
GE 000	44.9	60.7	78.7	87.6	94.8	95.3	97.9	98.2	98.3	98.9	99.0	99.1	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.0	37.4	45.2	48.9	52.6	53.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	31.3	43.7	52.3	56.7	60.8	62.1	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	31.3	43.7	52.3	56.7	60.8	62.1	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	31.3	43.7	52.3	56.7	60.8	62.1	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	31.3	43.9	52.8	57.1	61.2	62.6	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 12000	32.3	45.7	55.1	59.9	64.3	65.7	66.9	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	35.6	50.1	60.2	65.6	70.3	71.8	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	35.9	50.4	60.6	65.9	70.7	72.1	73.3	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	38.4	54.2	64.4	70.0	75.0	76.4	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 7000	39.3	55.2	65.4	71.0	76.0	77.4	78.9	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	39.3	55.4	65.7	71.2	76.2	77.7	79.2	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	39.8	56.1	66.9	72.4	77.6	79.0	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4500	39.9	56.2	67.0	72.6	77.7	79.1	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	40.3	56.7	67.4	73.1	78.2	79.9	81.6	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3500	40.6	57.1	67.9	73.6	78.7	80.3	82.0	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	41.0	57.9	69.0	74.7	79.9	81.7	83.3	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	41.3	58.6	69.8	75.6	80.8	82.6	84.2	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	42.0	59.4	70.9	76.9	82.3	84.1	85.9	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	42.1	59.6	71.0	77.2	82.7	84.4	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	42.9	60.4	72.1	78.3	84.0	85.9	87.7	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	43.8	61.4	73.3	79.7	85.3	87.4	89.3	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	44.7	62.6	74.7	81.2	86.9	89.0	91.0	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	44.9	63.1	75.7	82.4	88.2	90.3	92.3	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	45.4	64.0	76.7	83.6	89.3	91.4	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	45.9	64.7	77.3	84.4	90.2	92.3	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	45.9	64.8	77.7	84.9	90.9	93.2	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	46.6	65.6	78.6	85.9	92.3	94.7	96.9	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	46.7	65.7	78.7	86.1	92.6	95.1	97.7	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	46.8	65.8	78.8	86.3	92.8	95.3	98.0	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	46.8	65.8	78.8	86.3	92.8	95.3	98.0	98.7	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	46.8	65.8	78.8	86.3	92.8	95.3	98.0	98.7	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	46.8	65.8	78.8	86.3	92.8	95.3	98.0	98.7	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	50.7	52.7	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	51.0	58.3	60.7	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	51.0	58.3	60.7	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	51.0	58.3	60.7	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	51.4	59.0	61.4	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	52.8	60.4	62.9	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	56.3	64.8	67.8	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	56.7	65.2	68.2	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	59.6	68.6	71.8	73.7	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	60.1	69.1	72.3	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	60.4	69.4	72.7	74.6	75.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	61.4	70.8	74.1	76.0	76.4	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	61.8	71.1	74.4	76.3	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	62.7	72.0	75.3	77.2	77.9	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	63.6	73.0	76.3	78.4	79.0	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	65.6	75.1	78.4	80.6	81.1	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	68.3	78.0	81.9	84.0	84.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	71.0	81.1	85.7	87.8	88.7	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	72.6	83.0	87.6	89.7	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	76.0	86.7	91.7	94.0	95.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	77.3	88.3	93.3	95.7	97.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	77.9	89.1	94.2	96.7	98.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	78.1	89.4	94.6	97.0	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	78.2	89.6	94.7	97.1	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	78.2	89.6	94.8	97.3	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	78.7	90.0	95.2	97.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	78.7	90.0	95.2	97.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.7	90.0	95.2	97.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.7	90.0	95.2	97.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.7	90.0	95.2	97.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.7	90.0	95.2	97.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.7	90.0	95.2	97.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	52.4	53.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	60.0	64.9	66.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	60.1	65.0	66.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	60.1	65.0	66.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	60.3	65.3	66.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	61.6	66.8	68.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	64.0	69.7	71.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 9000	64.2	69.9	71.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	66.6	72.2	74.0	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	67.2	72.9	74.7	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	67.9	73.7	75.4	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	69.0	74.8	76.8	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500	69.2	75.0	77.0	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	71.2	77.1	79.3	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	73.6	79.6	81.9	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	80.6	86.8	89.3	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	84.0	90.3	93.3	94.8	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	85.9	92.4	95.6	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	86.0	92.6	95.7	97.2	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	86.6	93.2	96.3	97.9	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	86.9	93.7	96.8	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	87.2	94.0	97.1	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	87.2	94.0	97.1	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	87.3	94.1	97.2	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	87.3	94.1	97.2	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	87.4	94.2	97.3	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.4	94.2	97.3	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.4	94.2	97.3	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.4	94.2	97.3	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.4	94.2	97.3	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.4	94.2	97.3	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.4	94.2	97.3	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	55.3	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	64.7	69.3	70.8	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	64.7	69.3	70.8	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 16000	64.9	69.6	71.0	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	65.6	70.3	71.8	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 12000	67.1	72.0	73.4	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000	70.3	76.0	77.7	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 9000	70.7	76.3	78.0	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	73.4	79.4	81.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	74.4	80.4	82.1	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	74.8	80.8	82.4	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	75.9	82.1	84.0	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	76.3	82.6	84.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	77.9	84.3	86.7	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	79.3	86.2	88.7	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	82.7	90.3	93.3	95.0	95.1	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 2500	84.6	92.2	95.3	97.0	97.1	97.3	97.7	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 2000	84.7	92.4	95.7	97.9	98.0	98.2	98.6	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1800	84.7	92.4	95.7	97.9	98.0	98.2	98.6	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1500	84.7	92.4	95.7	97.9	98.1	98.3	98.7	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1200	84.8	92.7	95.9	98.1	98.3	98.6	98.9	98.9	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 1000	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 900	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 800	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 700	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 600	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 500	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 400	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	85.0	92.9	96.2	98.6	98.8	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	55.6	57.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	62.6	69.6	72.0	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	62.7	69.8	72.2	73.9	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	63.0	70.1	72.6	74.2	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	63.9	71.1	73.6	75.2	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	65.8	73.3	75.8	77.4	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	69.4	78.0	80.9	82.8	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	69.7	78.4	81.4	83.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	73.0	82.7	85.7	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 7000	74.0	83.8	86.9	88.8	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 6000	74.2	84.1	87.2	89.1	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	75.0	84.9	88.0	89.9	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	75.3	85.2	88.3	90.3	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	77.1	87.1	90.3	92.3	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	78.0	88.0	91.6	93.6	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	80.3	90.4	94.3	96.3	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
GE 2500	80.7	90.9	94.8	96.8	97.6	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
GE 2000	80.7	90.9	94.8	96.8	97.6	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 1800	80.7	90.9	94.8	96.8	97.6	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 1500	80.7	90.9	94.8	97.0	97.8	97.8	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 1200	80.8	91.1	95.1	97.3	98.1	98.1	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 1000	81.1	91.6	95.6	97.8	98.6	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 900	81.2	91.7	95.7	97.9	98.7	98.7	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 800	81.3	91.8	95.8	98.0	98.8	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 700	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	81.4	91.9	95.9	98.1	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	63.4	67.1	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 20000	64.4	72.4	77.0	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	64.4	72.4	77.0	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	64.7	72.7	77.2	79.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 14000	65.1	73.1	77.7	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 12000	65.9	73.9	78.4	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 10000	69.2	77.8	82.7	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 9000	69.4	78.0	82.9	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 8000	71.4	80.2	85.1	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 7000	72.3	81.3	86.2	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 6000	72.4	81.4	86.3	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 5000	73.1	82.3	87.6	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	73.6	83.0	88.2	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4000	74.6	84.4	89.9	92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3500	75.2	85.2	90.8	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	76.2	86.4	92.0	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	76.3	86.6	92.1	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	76.8	87.0	92.9	96.1	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	76.9	87.1	93.0	96.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	77.0	87.2	93.1	96.3	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	77.6	87.8	93.8	97.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	78.1	88.3	94.4	97.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	78.1	88.3	94.4	97.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	78.2	88.4	94.6	97.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	78.2	88.4	94.6	97.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	78.6	88.8	94.9	98.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	78.7	88.9	95.0	98.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	78.7	88.9	95.1	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.7	88.9	95.1	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.7	88.9	95.1	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.7	88.9	95.1	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.7	88.9	95.1	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	51.9	56.6	59.1	60.5	60.7	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2
GE 20000	52.8	61.2	66.6	69.4	70.9	71.2	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 18000	52.8	61.3	66.6	69.4	71.0	71.2	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	52.9	61.4	66.7	69.5	71.1	71.3	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	53.3	61.9	67.3	70.1	71.7	71.9	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	54.5	63.3	68.8	71.8	73.4	73.6	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	57.6	67.1	73.2	76.4	78.2	78.5	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 9000	57.8	67.4	73.4	76.7	78.5	78.8	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 8000	60.4	70.5	76.6	79.9	81.9	82.2	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	61.1	71.3	77.5	80.8	82.7	83.0	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	61.3	71.5	77.8	81.1	83.0	83.3	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	62.1	72.5	78.9	82.3	84.2	84.5	85.0	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 4500	62.4	72.8	79.3	82.6	84.6	84.8	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	63.5	74.1	80.7	84.2	86.2	86.5	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	64.4	75.2	81.9	85.4	87.4	87.7	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	66.6	77.6	84.5	88.1	90.2	90.5	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
GE 2500	67.7	78.9	85.9	89.5	91.7	92.0	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 2000	68.6	79.9	87.2	90.9	93.1	93.5	94.2	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5
GE 1800	68.8	80.2	87.5	91.3	93.5	93.9	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	69.5	80.9	88.3	92.2	94.5	94.9	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	70.1	81.6	89.1	93.0	95.4	95.8	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	70.5	82.1	89.7	93.7	96.0	96.4	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 900	70.6	82.3	89.9	94.0	96.3	96.8	97.5	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 800	70.8	82.5	90.2	94.3	96.6	97.1	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	70.9	82.7	90.4	94.5	96.9	97.3	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 600	71.2	83.0	90.8	94.9	97.3	97.8	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	71.3	83.2	91.1	95.2	97.7	98.1	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 400	71.4	83.2	91.1	95.3	97.8	98.3	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	71.4	83.3	91.2	95.3	97.8	98.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	71.4	83.3	91.2	95.4	97.9	98.4	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	71.4	83.3	91.2	95.4	97.9	98.4	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	71.4	83.3	91.2	95.4	97.9	98.4	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	55.2	67.1	74.0	76.9	77.0	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 20000	49.4	61.2	73.5	80.6	83.5	83.8	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 18000	49.4	61.2	73.5	80.6	83.5	83.8	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 16000	49.4	61.2	73.5	80.6	83.5	83.8	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 14000	49.7	61.7	74.1	81.2	84.1	84.3	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 12000	50.3	62.5	75.2	82.3	85.3	85.5	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 10000	51.9	65.1	77.7	84.9	88.1	88.3	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 9000	52.6	65.8	78.5	85.7	88.8	89.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 8000	53.7	66.9	79.8	87.0	90.3	90.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 7000	54.1	67.4	80.3	87.5	90.9	91.1	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 6000	54.1	67.4	80.3	87.5	90.9	91.1	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000	54.4	67.8	80.8	88.2	91.6	91.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4500	54.5	68.2	81.1	88.6	92.0	92.3	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	54.8	68.7	81.7	89.5	92.9	93.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	54.9	68.9	81.9	89.7	93.1	93.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	55.2	69.4	82.5	90.2	93.7	93.9	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	55.6	69.8	83.0	90.8	94.2	94.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	55.8	70.1	83.5	91.3	94.7	94.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	55.8	70.1	83.7	91.4	94.8	95.1	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	55.8	70.3	84.0	91.7	95.2	95.4	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	55.9	70.4	84.1	91.8	95.3	95.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	56.3	70.9	84.6	92.5	95.9	96.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	56.5	71.1	84.8	92.7	96.1	96.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	56.6	71.2	84.9	92.8	96.2	96.5	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	57.0	71.6	85.4	93.2	96.7	96.9	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	57.4	72.2	86.1	94.0	97.4	97.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	57.5	72.5	86.6	94.4	97.8	98.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	57.5	72.5	86.6	94.4	97.8	98.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	57.5	72.5	86.6	94.5	98.0	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	57.5	72.6	86.7	94.6	98.2	98.4	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	57.5	72.6	86.7	94.6	98.2	98.4	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	57.5	72.6	86.7	94.6	98.2	98.4	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.3	34.5	46.7	54.7	61.7	62.9	65.3	66.9	67.2	67.6	68.0	68.0	68.4	68.4	68.5	68.5
GE 20000	26.8	39.9	53.2	62.3	69.9	71.2	73.7	75.6	76.0	76.5	76.8	76.8	77.2	77.2	77.3	77.3
GE 18000	26.8	39.9	53.2	62.4	70.0	71.3	73.8	75.7	76.1	76.6	76.9	76.9	77.3	77.3	77.4	77.4
GE 16000	26.8	39.9	53.2	62.4	70.0	71.3	73.8	75.7	76.1	76.6	76.9	76.9	77.3	77.3	77.4	77.4
GE 14000	26.9	40.2	53.5	62.7	70.3	71.6	74.1	76.0	76.5	76.9	77.2	77.2	77.6	77.6	77.7	77.7
GE 12000	27.3	41.0	54.5	63.7	71.4	72.7	75.2	77.1	77.5	78.0	78.3	78.3	78.7	78.7	78.8	78.8
GE 10000	29.5	44.7	59.0	68.4	76.7	78.1	80.6	82.7	83.1	83.7	84.0	84.0	84.4	84.4	84.5	84.5
GE 9000	29.6	44.8	59.1	68.5	76.8	78.2	80.8	82.8	83.2	83.8	84.1	84.1	84.5	84.5	84.6	84.6
GE 8000	30.3	45.8	61.0	70.5	79.0	80.4	83.1	85.2	85.6	86.1	86.5	86.5	86.9	86.9	87.0	87.0
GE 7000	30.4	46.1	61.3	70.9	79.4	80.8	83.4	85.5	85.9	86.5	86.8	86.8	87.2	87.2	87.3	87.3
GE 6000	30.4	46.2	61.5	71.1	79.6	81.0	83.7	85.7	86.1	86.7	87.0	87.0	87.4	87.4	87.5	87.5
GE 5000	30.5	46.5	61.7	71.3	80.0	81.4	84.1	86.1	86.6	87.1	87.4	87.4	87.8	87.8	88.0	88.0
GE 4500	30.8	46.9	62.4	72.3	81.0	82.4	85.1	87.1	87.5	88.1	88.4	88.4	88.8	88.8	88.9	88.9
GE 4000	30.9	47.1	62.7	72.6	81.3	82.7	85.4	87.4	87.8	88.4	88.7	88.7	89.1	89.1	89.2	89.2
GE 3500	31.1	47.3	62.9	72.8	81.5	82.9	85.6	87.6	88.1	88.6	88.9	88.9	89.4	89.4	89.5	89.5
GE 3000	31.2	47.7	63.5	73.5	82.3	83.7	86.3	88.4	88.8	89.4	89.7	89.7	90.1	90.1	90.2	90.2
GE 2500	31.2	47.7	63.5	73.5	82.3	83.7	86.3	88.4	88.8	89.4	89.7	89.7	90.1	90.1	90.2	90.2
GE 2000	31.6	48.4	64.4	74.4	83.1	84.5	87.3	89.4	89.8	90.3	90.6	90.6	91.1	91.1	91.2	91.2
GE 1800	31.9	48.7	64.7	74.7	83.4	84.8	87.6	89.7	90.1	90.6	91.0	91.0	91.4	91.4	91.5	91.5
GE 1500	32.0	48.8	64.9	75.1	83.8	85.2	88.0	90.0	90.4	91.0	91.3	91.3	91.7	91.7	91.8	91.8
GE 1200	32.6	49.6	65.8	75.9	84.6	86.0	88.9	91.0	91.4	91.9	92.3	92.3	92.7	92.7	92.8	92.8
GE 1000	32.8	49.9	66.3	76.7	85.4	86.8	89.8	91.8	92.3	92.8	93.1	93.1	93.5	93.5	93.7	93.7
GE 900	33.1	50.5	67.1	77.5	86.2	87.6	90.6	92.7	93.1	93.7	94.0	94.0	94.4	94.4	94.5	94.5
GE 800	33.2	50.8	67.3	77.7	86.6	88.1	91.1	93.2	93.7	94.2	94.5	94.5	94.9	94.9	95.1	95.1
GE 700	33.4	51.0	67.5	78.0	86.8	88.3	91.3	93.4	93.9	94.4	94.7	94.7	95.2	95.2	95.3	95.3
GE 600	33.8	51.4	68.0	78.5	87.3	88.8	91.9	94.1	94.5	95.1	95.4	95.4	95.8	95.8	95.9	95.9
GE 500	33.8	51.5	68.3	78.8	87.6	89.1	92.4	94.6	95.2	95.7	96.0	96.0	96.5	96.5	96.6	96.6
GE 400	33.8	51.7	68.7	79.5	88.5	90.0	93.2	95.5	96.0	96.7	97.0	97.0	97.5	97.5	97.6	97.6
GE 300	33.8	51.8	68.9	80.3	89.5	91.0	94.3	96.9	97.4	98.1	98.4	98.4	98.9	98.9	99.1	99.1
GE 200	33.8	51.8	69.1	80.5	89.7	91.2	94.5	97.3	97.8	98.6	98.9	98.9	99.5	99.5	99.7	99.8
GE 100	33.8	51.8	69.1	80.5	89.7	91.2	94.6	97.4	98.0	98.7	99.0	99.0	99.7	99.7	99.9	100.0
GE 000	33.8	51.8	69.1	80.5	89.7	91.2	94.6	97.4	98.0	98.7	99.0	99.0	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.5	33.1	42.0	47.7	52.5	53.8	57.1	58.1	58.5	58.8	59.0	59.0	59.4	59.4	59.4	59.4
GE 20000	25.6	37.8	47.1	53.1	58.1	59.5	62.9	64.0	64.4	64.7	64.9	64.9	65.3	65.3	65.3	65.3
GE 18000	25.9	38.3	47.5	53.7	58.6	60.0	63.4	64.5	64.9	65.3	65.5	65.5	65.8	65.8	65.8	65.8
GE 16000	25.9	38.3	47.5	53.7	58.6	60.0	63.4	64.5	64.9	65.3	65.5	65.5	65.8	65.8	65.8	65.8
GE 14000	27.1	39.9	49.5	55.7	60.6	62.0	65.5	66.6	67.0	67.3	67.5	67.5	67.8	67.8	67.8	67.8
GE 12000	28.8	42.0	52.4	58.8	63.9	65.3	68.7	69.8	70.2	70.5	70.8	70.8	71.1	71.1	71.1	71.1
GE 10000	31.6	45.6	56.2	63.2	68.6	70.1	73.8	74.8	75.3	75.7	75.9	75.9	76.2	76.2	76.2	76.2
GE 9000	31.8	45.9	56.7	63.7	69.0	70.5	74.3	75.4	75.8	76.2	76.5	76.5	76.8	76.8	76.8	76.8
GE 8000	33.0	48.0	58.9	66.1	71.8	73.4	77.3	78.5	78.9	79.4	79.6	79.6	79.9	79.9	79.9	79.9
GE 7000	33.2	48.5	59.5	66.7	72.4	74.1	78.0	79.1	79.6	80.0	80.2	80.2	80.5	80.5	80.5	80.5
GE 6000	33.5	48.9	59.9	67.1	72.8	74.5	78.4	79.6	80.0	80.4	80.6	80.6	81.0	81.0	81.0	81.0
GE 5000	34.1	49.5	60.5	67.8	73.5	75.3	79.1	80.3	80.8	81.2	81.4	81.4	81.7	81.7	81.7	81.7
GE 4500	34.6	50.2	61.4	68.7	74.4	76.1	80.0	81.2	81.6	82.0	82.3	82.3	82.6	82.6	82.6	82.6
GE 4000	34.9	50.8	61.9	69.2	74.9	76.7	80.5	81.7	82.2	82.6	82.8	82.8	83.1	83.1	83.1	83.1
GE 3500	35.2	51.0	62.2	69.5	75.2	76.9	80.9	82.0	82.5	82.9	83.1	83.1	83.4	83.4	83.4	83.4
GE 3000	35.6	51.5	62.7	70.0	75.7	77.4	81.4	82.6	83.0	83.4	83.7	83.7	84.0	84.0	84.0	84.0
GE 2500	35.8	51.7	62.9	70.2	75.9	77.6	81.6	82.8	83.2	83.7	83.9	83.9	84.2	84.2	84.2	84.2
GE 2000	36.0	51.9	63.1	70.4	76.2	78.1	82.0	83.2	83.7	84.2	84.4	84.4	84.7	84.7	84.7	84.7
GE 1800	36.2	52.4	63.5	70.9	76.7	78.5	82.5	83.7	84.1	84.6	84.8	84.8	85.2	85.2	85.2	85.2
GE 1500	36.7	53.1	64.4	71.8	77.7	79.6	83.5	84.7	85.2	85.7	85.9	85.9	86.2	86.2	86.2	86.2
GE 1200	36.9	53.5	65.1	72.8	79.1	81.0	85.2	86.3	86.8	87.3	87.5	87.5	87.8	87.8	87.8	87.8
GE 1000	37.2	54.5	66.3	74.2	80.8	82.7	86.9	88.1	88.5	89.0	89.2	89.2	89.6	89.6	89.6	89.6
GE 900	37.7	55.4	67.4	75.5	82.0	84.1	88.3	89.5	89.9	90.4	90.6	90.6	91.0	91.0	91.0	91.0
GE 800	38.0	56.0	68.1	76.5	83.0	85.2	89.5	90.6	91.1	91.6	91.8	91.8	92.2	92.2	92.2	92.2
GE 700	38.6	57.0	69.4	77.7	84.6	86.8	91.1	92.3	92.7	93.2	93.4	93.4	93.8	93.8	93.8	93.8
GE 600	38.7	57.1	69.6	78.5	85.7	87.8	92.2	93.3	93.8	94.3	94.5	94.5	94.8	94.8	94.8	94.8
GE 500	38.8	57.3	69.9	78.8	86.2	88.4	93.1	94.3	94.7	95.3	95.5	95.5	95.8	95.8	95.8	95.8
GE 400	38.9	57.4	70.2	79.1	86.7	89.4	94.4	95.7	96.3	97.0	97.2	97.2	97.5	97.5	97.6	97.6
GE 300	38.9	57.5	70.3	79.2	86.8	89.6	95.1	96.5	97.3	98.2	98.4	98.4	98.8	98.8	99.0	99.0
GE 200	38.9	57.5	70.3	79.2	86.8	89.6	95.1	96.5	97.3	98.6	98.9	98.9	99.5	99.5	99.7	99.8
GE 100	38.9	57.5	70.3	79.2	86.8	89.6	95.1	96.5	97.3	98.6	99.0	99.0	99.6	99.7	99.9	100.0
GE 000	38.9	57.5	70.3	79.2	86.8	89.6	95.1	96.5	97.3	98.6	99.0	99.0	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	53.3	57.3	58.7	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	48.5	59.9	64.1	65.5	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	48.9	60.3	64.5	65.9	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	49.0	60.4	64.6	66.0	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	50.3	61.7	65.9	67.3	68.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	52.2	64.0	68.3	69.7	71.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	54.6	66.9	71.3	73.1	74.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	54.9	67.3	71.8	73.7	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	56.3	69.0	73.5	75.5	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 7000	57.1	70.0	74.5	76.5	77.8	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	57.5	70.5	75.2	77.1	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	58.2	71.3	75.9	78.0	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	58.3	71.4	76.1	78.3	80.0	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	58.9	72.0	76.8	78.9	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	59.4	72.6	77.3	79.5	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	61.4	75.1	79.9	82.0	83.9	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	62.7	76.6	81.5	83.8	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	64.1	78.3	83.8	86.0	88.0	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1800	64.7	79.2	84.7	87.1	89.0	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	66.3	82.2	87.8	90.2	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	67.7	84.5	90.4	92.9	94.9	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	68.3	85.6	91.6	94.2	96.5	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	68.3	85.8	91.8	94.4	96.7	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	68.4	86.0	92.3	95.1	97.4	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	68.4	86.0	92.3	95.1	97.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	68.4	86.0	92.4	95.3	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	68.4	86.0	92.4	95.3	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	68.5	86.1	92.5	95.4	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.5	86.1	92.5	95.4	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.5	86.1	92.5	95.4	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.5	86.1	92.5	95.4	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.5	86.1	92.5	95.4	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.3	52.5	53.7	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	53.8	64.8	66.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	53.8	64.8	66.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	53.8	64.8	66.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	54.8	66.1	67.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	56.0	67.4	69.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	59.2	71.3	73.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	59.8	71.9	73.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	61.4	74.0	76.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	61.7	74.7	76.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 6000	61.9	75.1	77.2	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	62.6	75.9	78.2	79.6	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	62.7	76.1	78.5	80.3	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	65.8	79.5	81.9	83.9	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	68.5	82.7	85.3	87.3	88.3	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	72.5	87.0	89.6	91.7	92.8	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	74.1	89.1	92.2	94.4	95.5	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	74.9	90.1	93.3	95.8	96.9	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	74.9	90.1	93.3	95.8	96.9	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	75.8	91.0	94.3	96.8	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	76.0	91.4	94.8	97.3	98.4	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	76.1	91.5	94.9	97.5	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	76.1	91.5	94.9	97.5	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	76.1	91.5	95.1	97.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	76.1	91.5	95.1	97.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	76.1	91.5	95.1	97.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	76.1	91.5	95.1	97.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	76.1	91.5	95.1	97.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	76.1	91.5	95.1	97.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.1	91.5	95.1	97.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.1	91.5	95.1	97.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.1	91.5	95.1	97.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.6	49.7	51.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	55.6	67.7	70.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 18000	55.6	67.7	70.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 16000	55.6	67.7	70.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	57.2	69.4	71.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	60.1	72.4	74.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	63.8	76.7	79.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	64.0	77.1	79.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 8000	66.0	79.1	82.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	66.9	80.2	83.2	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	67.5	81.0	84.0	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	67.8	81.8	84.9	86.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	68.3	82.6	85.7	87.5	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	70.3	85.2	88.5	90.4	91.4	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	71.6	86.6	90.0	92.3	93.3	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	74.6	90.0	94.1	96.6	97.6	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	74.8	90.2	94.3	96.8	97.8	98.1	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	75.1	90.6	94.7	97.3	98.4	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	75.2	90.8	94.8	97.4	98.5	98.7	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.6	91.2	95.3	98.0	99.0	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	51.1	54.5	56.3	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	53.7	67.4	71.4	73.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 18000	53.8	67.6	71.6	73.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	53.8	67.6	71.6	73.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	54.7	68.8	72.9	75.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	57.4	71.7	75.8	78.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000	63.0	77.8	82.2	84.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 9000	63.3	78.3	82.6	85.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	66.8	82.2	87.0	89.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	67.3	82.7	87.5	90.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 6000	67.4	82.8	87.6	90.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 5000	68.5	84.2	89.1	92.2	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	69.4	85.1	90.0	93.0	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4000	70.0	85.7	90.8	93.9	95.7	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	71.0	86.9	92.0	95.2	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	72.2	88.4	93.5	96.7	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	72.2	88.4	93.5	96.7	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	72.4	88.7	93.9	97.0	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	72.4	88.7	93.9	97.0	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.7	89.0	94.2	97.3	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	61.3	68.5	72.5	74.2	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 20000	55.5	69.2	77.3	81.3	83.1	83.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 18000	55.6	69.4	77.4	81.4	83.2	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 16000	55.6	69.4	77.4	81.4	83.2	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 14000	56.0	69.8	78.0	81.9	83.8	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 12000	57.3	71.1	79.4	83.3	85.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 10000	59.8	73.8	82.4	86.8	88.6	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 9000	60.1	74.4	83.0	87.4	89.2	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8000	61.6	75.9	84.9	89.5	91.6	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 7000	61.8	76.1	85.2	89.7	91.8	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 6000	61.9	76.2	85.3	89.8	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5000	62.7	77.1	86.2	91.2	93.3	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4500	63.3	77.8	87.0	91.9	94.1	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	63.8	78.5	87.6	92.7	94.8	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	64.0	78.8	88.1	93.1	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	64.6	80.0	89.4	94.4	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	64.8	80.2	89.7	94.8	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	64.9	80.3	89.8	95.2	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	64.9	80.3	89.8	95.2	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	64.9	80.5	90.1	95.5	97.6	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	65.3	80.9	90.4	95.8	98.1	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	65.4	81.0	90.5	96.0	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	65.4	81.0	90.5	96.0	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	65.6	81.2	90.8	96.2	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	65.8	81.4	91.0	96.5	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	66.0	81.6	91.2	96.7	98.9	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	66.0	81.6	91.2	96.7	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.0	81.6	91.2	96.7	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.0	81.6	91.2	96.7	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.0	81.6	91.2	96.7	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.0	81.6	91.2	96.7	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.0	81.6	91.2	96.7	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.9	48.8	55.2	58.9	61.3	61.6	62.5	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.3	63.3
GE 20000	46.1	58.5	65.4	69.4	71.9	72.3	73.3	73.7	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1
GE 18000	46.2	58.7	65.6	69.6	72.1	72.5	73.5	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.3	74.3
GE 16000	46.2	58.7	65.6	69.6	72.1	72.5	73.5	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3
GE 14000	47.1	59.7	66.7	70.7	73.2	73.6	74.6	75.0	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 12000	48.7	61.5	68.7	72.8	75.3	75.8	76.7	77.1	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 10000	51.7	65.2	72.7	77.1	79.7	80.2	81.2	81.6	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 9000	52.0	65.7	73.2	77.6	80.3	80.7	81.7	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6
GE 8000	53.6	67.6	75.4	79.9	82.8	83.2	84.3	84.7	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1
GE 7000	54.1	68.2	76.0	80.5	83.4	83.9	84.9	85.4	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8
GE 6000	54.3	68.5	76.4	80.9	83.7	84.2	85.3	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 5000	54.9	69.3	77.2	81.8	84.9	85.5	86.6	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4
GE 4500	55.2	69.8	77.8	82.6	85.7	86.3	87.4	87.8	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 4000	56.2	70.9	79.0	83.9	87.1	87.6	88.8	89.2	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.6
GE 3500	56.9	71.8	80.0	84.9	88.1	88.7	89.8	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7
GE 3000	58.4	73.6	81.9	86.9	90.1	90.7	91.9	92.3	92.4	92.6	92.6	92.6	92.7	92.7	92.8	92.8
GE 2500	58.9	74.2	82.6	87.6	90.8	91.4	92.6	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 2000	59.4	74.8	83.3	88.4	91.7	92.3	93.5	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 1800	59.5	75.0	83.6	88.7	91.9	92.6	93.8	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 1500	60.0	75.8	84.4	89.5	92.8	93.5	94.7	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 1200	60.3	76.3	85.0	90.2	93.6	94.2	95.5	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.5	96.5
GE 1000	60.6	76.7	85.5	90.8	94.2	94.9	96.2	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	60.7	76.9	85.8	91.1	94.5	95.2	96.5	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.5	97.5
GE 800	60.8	77.1	86.0	91.4	94.9	95.6	96.9	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 700	61.0	77.3	86.3	91.7	95.2	95.9	97.3	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 600	61.1	77.5	86.5	92.0	95.6	96.3	97.6	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 500	61.1	77.6	86.6	92.1	95.8	96.5	97.9	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 400	61.1	77.6	86.7	92.2	95.9	96.8	98.2	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	61.1	77.7	86.7	92.4	96.1	96.9	98.5	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 200	61.1	77.7	86.8	92.4	96.1	97.0	98.5	99.1	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	61.1	77.7	86.8	92.4	96.1	97.0	98.5	99.2	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	61.1	77.7	86.8	92.4	96.1	97.0	98.5	99.2	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	34.8	49.5	60.3	69.6	74.3	75.5	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 20000	38.9	55.4	67.7	78.2	83.4	84.6	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 18000	38.9	55.4	67.7	78.2	83.4	84.6	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 16000	38.9	55.4	67.7	78.2	83.4	84.6	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 14000	39.2	55.7	68.1	78.5	83.8	84.9	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 12000	40.0	56.8	69.1	79.6	84.8	86.0	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 10000	41.2	58.5	71.3	82.2	88.0	89.1	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 9000	41.2	58.5	71.3	82.2	88.0	89.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 8000	43.0	61.3	74.2	85.2	91.0	92.2	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	43.0	61.3	74.2	85.3	91.1	92.3	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 6000	43.3	61.7	74.6	85.7	91.5	92.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 5000	43.3	61.7	74.6	85.7	91.5	92.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	43.5	61.9	75.2	86.2	92.0	93.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	44.0	62.9	76.1	87.4	93.2	94.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	44.1	63.1	76.5	87.7	93.5	94.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	44.4	63.8	77.2	88.5	94.3	95.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	44.7	64.1	77.5	88.8	94.6	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	44.8	64.4	77.8	89.1	94.9	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	44.9	64.5	78.0	89.2	95.1	96.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	45.1	64.9	78.4	89.8	95.6	96.8	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	45.1	64.9	78.4	89.8	95.6	96.8	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	45.2	65.2	78.6	90.0	95.8	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	45.2	65.2	78.6	90.0	95.8	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	45.2	65.4	78.8	90.2	96.2	97.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	45.3	65.5	78.9	90.4	96.5	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	45.3	65.5	79.0	90.5	96.6	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	45.3	65.6	79.1	90.6	96.7	97.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	45.3	65.7	79.2	90.9	96.9	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	45.3	65.7	79.2	90.9	96.9	98.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	45.3	65.7	79.2	90.9	96.9	98.1	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	45.3	65.7	79.2	90.9	96.9	98.1	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	45.3	65.7	79.2	90.9	96.9	98.1	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.8	34.0	43.9	53.9	63.9	55.1	68.1	69.1	69.4	70.0	70.4	70.5	71.0	71.0	71.1	71.2
GE 20000	23.5	36.3	47.4	58.7	69.7	71.0	74.0	75.4	75.6	76.2	76.7	76.8	77.2	77.2	77.3	77.4
GE 18000	23.5	36.3	47.4	58.7	69.7	71.0	74.0	75.4	75.6	76.2	76.7	76.8	77.2	77.2	77.3	77.4
GE 16000	23.5	36.3	47.4	58.7	69.7	71.0	74.0	75.4	75.6	76.2	76.7	76.8	77.2	77.2	77.3	77.4
GE 14000	24.3	37.3	48.4	59.7	70.6	71.9	74.9	76.3	76.6	77.2	77.6	77.7	78.2	78.2	78.3	78.4
GE 12000	25.1	38.3	49.4	60.6	71.6	72.9	75.9	77.3	77.5	78.2	78.6	78.7	79.1	79.1	79.2	79.4
GE 10000	26.5	40.5	52.4	63.9	75.3	76.6	79.8	81.4	81.6	82.3	82.7	82.8	83.2	83.2	83.3	83.4
GE 9000	26.5	40.5	52.4	63.9	75.3	76.6	79.8	81.6	81.8	82.5	82.9	83.0	83.4	83.4	83.5	83.7
GE 8000	27.4	42.9	55.7	67.2	78.8	80.1	83.3	85.2	85.4	86.0	86.5	86.6	87.0	87.0	87.1	87.2
GE 7000	27.7	43.3	56.3	67.8	79.5	80.9	84.2	86.0	86.2	86.9	87.3	87.4	87.8	87.8	88.0	88.1
GE 6000	27.8	43.4	56.5	68.0	79.6	81.0	84.3	86.1	86.3	87.0	87.4	87.5	88.0	88.0	88.1	88.2
GE 5000	28.0	43.9	57.0	68.6	80.2	81.6	85.1	86.9	87.1	87.7	88.2	88.3	88.7	88.7	88.8	88.9
GE 4500	28.3	44.3	57.5	69.1	80.8	82.2	85.6	87.4	87.6	88.3	88.7	88.8	89.2	89.2	89.4	89.5
GE 4000	28.5	44.9	58.3	70.0	81.8	83.3	86.8	88.6	88.8	89.5	89.9	90.0	90.4	90.4	90.5	90.6
GE 3500	28.5	45.2	58.5	70.3	82.3	83.8	87.2	89.0	89.2	89.9	90.3	90.4	90.9	90.9	91.0	91.1
GE 3000	28.7	45.6	58.9	70.8	82.8	84.3	87.7	89.6	89.8	90.5	91.0	91.1	91.5	91.5	91.6	91.7
GE 2500	28.7	45.9	59.2	71.1	83.1	84.6	88.2	90.1	90.3	91.1	91.5	91.6	92.0	92.0	92.2	92.3
GE 2000	28.9	46.5	59.8	71.6	83.7	85.2	88.7	90.8	91.0	91.7	92.2	92.3	92.7	92.7	92.8	92.9
GE 1800	29.1	46.7	60.0	71.8	83.9	85.4	88.9	91.0	91.2	91.9	92.4	92.5	92.9	92.9	93.0	93.1
GE 1500	29.4	47.2	60.8	72.6	84.6	86.1	89.7	91.7	91.9	92.7	93.1	93.2	93.7	93.7	93.8	93.9
GE 1200	29.4	47.2	60.8	72.6	84.6	86.1	89.7	91.7	91.9	92.7	93.1	93.2	93.7	93.7	93.8	93.9
GE 1000	29.5	47.5	61.2	73.0	85.1	86.6	90.1	92.2	92.4	93.1	93.5	93.7	94.1	94.1	94.2	94.3
GE 900	29.5	47.5	61.2	73.0	85.1	86.6	90.1	92.2	92.4	93.1	93.5	93.7	94.1	94.1	94.2	94.3
GE 800	29.5	48.0	61.7	73.7	85.7	87.2	90.8	92.8	93.0	93.8	94.2	94.3	94.7	94.7	94.8	94.9
GE 700	29.5	48.1	61.9	73.9	85.9	87.4	91.0	93.0	93.2	94.0	94.5	94.6	95.1	95.1	95.2	95.3
GE 600	29.6	48.3	62.4	74.4	86.5	88.0	91.6	93.7	93.9	94.6	95.2	95.3	95.7	95.7	95.8	95.9
GE 500	29.6	48.4	62.6	74.9	87.0	88.5	92.3	94.3	94.5	95.3	95.8	95.9	96.3	96.3	96.5	96.6
GE 400	29.6	48.5	62.8	75.2	87.3	88.8	92.6	94.6	94.8	95.6	96.1	96.2	96.7	96.7	96.8	96.9
GE 300	29.7	48.6	63.4	75.8	88.2	89.9	93.7	95.7	95.9	96.8	97.3	97.4	98.0	98.0	98.1	98.2
GE 200	29.7	48.6	63.4	75.8	88.3	90.0	93.8	95.9	96.1	97.1	97.6	97.7	98.5	98.5	98.6	99.1
GE 100	29.7	48.6	63.4	75.8	88.3	90.2	94.0	96.1	96.5	97.4	98.1	98.2	98.9	98.9	99.4	100.0
GE 000	29.7	48.6	63.4	75.8	88.3	90.2	94.0	96.1	96.5	97.4	98.1	98.2	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.8	28.2	37.5	43.7	51.8	54.1	57.5	59.6	60.6	61.3	61.5	61.7	62.2	62.2	62.5	62.6
GE 20000	20.6	30.8	40.9	47.3	56.3	59.2	63.0	65.1	66.1	66.8	67.0	67.2	67.6	67.6	68.0	68.1
GE 18000	20.6	30.8	40.9	47.3	56.3	59.2	63.0	65.1	66.1	66.8	67.0	67.2	67.6	67.6	68.0	68.1
GE 16000	20.6	30.8	40.9	47.3	56.3	59.2	63.0	65.1	66.1	66.8	67.0	67.2	67.6	67.6	68.0	68.1
GE 14000	21.3	31.5	41.6	48.3	57.5	60.4	64.2	66.2	67.4	68.1	68.3	68.5	68.9	68.9	69.2	69.4
GE 12000	22.0	32.8	42.9	49.6	59.0	62.2	66.1	68.2	69.4	70.0	70.2	70.4	70.9	70.9	71.2	71.3
GE 10000	24.0	35.6	46.5	53.7	63.5	66.8	71.5	73.8	75.2	75.8	76.0	76.2	76.7	76.7	77.0	77.1
GE 9000	24.0	35.6	46.5	53.8	63.7	66.9	71.7	74.2	75.7	76.3	76.6	76.8	77.2	77.2	77.5	77.6
GE 8000	25.1	37.2	48.6	56.3	66.8	70.1	75.1	77.5	79.1	79.8	80.0	80.2	80.6	80.6	81.0	81.1
GE 7000	25.7	38.0	49.4	57.3	68.1	71.4	76.3	78.8	80.4	81.1	81.3	81.5	81.9	81.9	82.3	82.4
GE 6000	25.7	38.2	49.6	57.7	68.6	71.9	77.0	79.5	81.1	81.7	81.9	82.2	82.6	82.6	82.9	83.0
GE 5000	25.7	38.3	49.9	58.2	69.2	72.7	77.8	80.4	82.0	82.7	82.9	83.1	83.5	83.5	83.9	84.0
GE 4500	25.7	38.3	49.9	58.2	69.2	72.7	77.8	80.4	82.0	82.7	82.9	83.1	83.5	83.5	83.9	84.0
GE 4000	26.0	38.7	50.3	58.6	69.9	73.3	78.5	81.1	82.7	83.3	83.5	83.8	84.2	84.2	84.5	84.6
GE 3500	26.1	38.8	50.6	58.9	70.3	73.8	78.9	81.5	83.1	83.8	84.0	84.2	84.6	84.6	84.9	85.1
GE 3000	26.1	39.1	51.1	59.6	71.0	74.4	79.8	82.5	84.2	84.8	85.1	85.3	85.8	85.8	86.1	86.2
GE 2500	26.6	39.6	51.6	60.1	71.5	74.9	80.3	83.0	84.7	85.4	85.6	85.8	86.3	86.3	86.7	86.8
GE 2000	26.8	39.9	52.2	60.6	72.5	76.1	81.6	84.3	86.0	86.7	86.9	87.1	87.6	87.6	88.0	88.1
GE 1800	26.9	40.3	52.6	61.1	72.9	76.6	82.0	84.7	86.5	87.1	87.3	87.5	88.1	88.1	88.4	88.5
GE 1500	27.3	41.1	53.4	61.9	73.8	77.5	83.0	85.8	87.5	88.2	88.4	88.6	89.1	89.1	89.5	89.6
GE 1200	27.5	41.3	53.8	62.4	74.3	78.2	83.9	86.7	88.4	89.0	89.2	89.5	90.0	90.0	90.3	90.4
GE 1000	27.8	41.8	54.5	63.2	75.4	79.2	84.9	87.7	89.5	90.2	90.4	90.6	91.2	91.2	91.5	91.6
GE 900	28.0	41.9	54.7	63.4	75.6	79.5	85.3	88.1	89.8	90.5	90.8	91.0	91.5	91.5	91.8	91.9
GE 800	28.3	42.4	55.5	64.2	76.6	80.4	86.2	89.0	90.8	91.5	91.7	91.9	92.5	92.5	92.8	92.9
GE 700	28.3	42.7	55.9	64.8	77.3	81.2	87.0	89.8	91.5	92.3	92.5	92.7	93.2	93.2	93.5	93.7
GE 600	28.4	43.0	56.7	65.7	78.5	82.4	88.3	91.1	92.8	93.5	93.8	94.0	94.5	94.5	94.8	94.9
GE 500	28.5	43.2	57.2	66.3	79.4	83.3	89.2	92.4	94.1	94.8	95.1	95.3	95.8	95.8	96.1	96.2
GE 400	28.5	43.2	57.2	66.6	79.7	83.8	89.9	93.1	94.8	95.7	95.9	96.1	96.7	96.7	97.0	97.1
GE 300	28.5	43.2	57.3	66.8	80.0	84.2	90.4	93.8	96.0	96.9	97.4	97.6	98.2	98.2	98.6	98.7
GE 200	28.5	43.2	57.3	66.8	80.0	84.2	90.4	93.8	96.0	97.0	97.7	98.1	98.9	99.2	99.7	100.0
GE 100	28.5	43.2	57.3	66.8	80.0	84.2	90.4	93.8	96.0	97.0	97.7	98.1	98.9	99.2	99.7	100.0
GE 000	28.5	43.2	57.3	66.8	80.0	84.2	90.4	93.8	96.0	97.0	97.7	98.1	98.9	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.5	46.1	53.0	56.2	57.6	58.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	41.4	52.8	60.6	64.3	65.8	66.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	41.4	52.8	60.6	64.3	65.8	66.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	41.4	52.8	60.6	64.3	65.8	66.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	41.8	53.3	61.2	65.2	66.9	67.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	43.0	55.2	63.7	67.7	69.5	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	45.5	58.8	68.0	72.3	74.1	74.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 9000	45.6	58.9	68.1	72.4	74.2	74.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	46.7	60.6	70.0	74.4	76.2	76.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 7000	47.1	61.4	70.9	75.3	77.1	77.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	47.3	61.6	71.1	75.5	77.4	78.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	47.5	62.0	71.7	76.2	78.2	78.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	47.6	62.2	71.8	76.3	78.3	78.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	48.2	62.8	72.5	77.0	79.1	79.7	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	49.4	64.2	74.1	78.7	80.9	81.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	51.1	65.9	76.0	80.8	83.0	83.5	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6
GE 2500	52.2	67.0	77.2	81.9	84.2	84.7	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
GE 2000	53.7	68.8	79.2	84.3	86.7	87.2	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4
GE 1800	54.4	70.0	80.4	85.5	87.8	88.4	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 1500	56.2	72.4	82.8	88.0	90.5	91.2	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 1200	56.9	73.0	83.7	89.0	91.6	92.4	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6
GE 1000	57.6	74.5	85.3	90.8	93.5	94.4	96.3	96.6	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 900	58.0	74.8	85.7	91.3	94.2	95.1	97.1	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6
GE 800	58.4	75.6	86.6	92.2	95.2	96.0	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 700	58.5	75.9	86.9	92.6	95.6	96.5	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 600	58.5	75.9	87.1	92.8	95.9	96.8	98.8	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 500	58.5	76.0	87.2	92.9	96.0	96.9	99.0	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	58.5	76.0	87.2	92.9	96.0	96.9	99.1	99.5	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	58.5	76.0	87.2	92.9	96.0	96.9	99.2	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	58.5	76.0	87.2	92.9	96.0	96.9	99.2	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	58.5	76.0	87.2	92.9	96.0	96.9	99.2	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	58.5	76.0	87.2	92.9	96.0	96.9	99.2	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	52.0	56.3	57.6	57.8	58.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	51.5	63.2	68.1	69.8	70.0	70.4	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 18000	51.6	63.3	68.2	69.9	70.1	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	51.6	63.3	68.2	69.9	70.1	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	52.2	63.9	68.7	70.4	70.6	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 12000	53.7	65.7	70.8	72.7	72.9	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	56.7	69.5	75.1	77.0	77.2	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	57.0	69.8	75.4	77.3	77.5	78.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	58.9	71.8	77.7	79.7	79.9	80.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	59.1	72.0	78.0	79.9	80.1	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	59.5	72.4	78.3	80.2	80.4	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	60.2	73.3	79.5	81.4	81.6	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	60.4	73.8	80.0	81.9	82.2	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	61.9	75.5	82.2	84.1	84.4	84.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	63.9	77.7	84.5	86.7	87.0	87.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	67.1	81.3	88.7	91.2	91.6	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	68.5	83.0	90.4	93.1	94.0	94.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
GE 2000	69.6	84.2	91.8	94.5	95.6	96.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
GE 1800	69.7	84.3	91.9	94.6	95.7	96.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
GE 1500	70.1	84.7	92.5	95.3	96.3	97.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
GE 1200	70.4	85.1	92.8	95.6	96.7	97.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 1000	70.6	85.3	93.0	95.8	97.0	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
GE 900	70.6	85.3	93.0	95.9	97.1	97.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 800	70.6	85.3	93.0	96.0	97.2	97.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 700	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 600	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 500	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	70.6	85.3	93.1	96.1	97.4	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.4	50.1	55.4	56.9	57.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	53.2	65.1	71.3	73.2	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	53.3	65.2	71.4	73.3	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000	53.3	65.2	71.4	73.3	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000	54.1	65.9	72.2	74.1	74.6	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	56.7	68.7	74.9	77.1	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	60.3	73.0	79.6	81.7	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	61.1	73.8	80.3	82.5	83.1	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 8000	63.2	76.0	83.0	85.5	86.1	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	63.7	76.5	83.4	85.9	86.6	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 6000	64.1	76.9	83.9	86.3	87.0	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 5000	64.3	77.3	84.4	86.9	87.5	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4500	65.2	78.6	85.7	88.2	88.8	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
GE 4000	66.1	79.8	87.1	89.9	90.6	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 3500	68.1	82.0	89.5	92.3	93.1	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 3000	70.1	84.5	91.9	95.1	96.2	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 2500	70.2	84.7	92.4	95.5	96.7	97.2	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1
GE 2000	70.4	84.9	93.0	96.2	97.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 1800	70.4	84.9	93.0	96.2	97.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 1500	70.5	85.1	93.1	96.3	97.6	98.2	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1
GE 1200	70.9	85.4	93.4	96.7	98.0	98.5	99.1	99.1	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.5
GE 1000	71.0	85.5	93.5	96.8	98.1	98.6	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7
GE 900	71.2	85.7	93.8	97.0	98.3	98.8	99.5	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 800	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	71.3	85.8	93.9	97.1	98.4	98.9	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.6	50.9	58.1	61.5	62.6	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	50.4	63.2	71.7	75.9	77.2	77.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	50.5	63.3	71.8	76.0	77.3	77.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 16000	50.8	63.5	72.0	76.2	77.5	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 14000	51.0	63.8	72.3	76.5	77.7	78.2	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 12000	53.0	66.2	74.7	79.0	80.8	81.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 10000	56.0	70.4	79.5	83.8	85.7	86.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 9000	56.0	70.4	79.5	83.8	85.7	86.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 8000	57.2	71.9	81.4	86.2	88.4	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 7000	57.8	72.6	82.0	86.9	89.0	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 6000	58.0	72.7	82.2	87.0	89.1	89.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 5000	59.1	74.0	83.4	88.3	90.4	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4500	60.1	74.9	84.4	89.2	91.4	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000	61.1	76.2	85.9	91.0	93.1	93.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	62.0	77.4	87.2	92.3	94.4	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000	62.7	78.3	88.2	93.7	96.0	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	63.0	78.6	88.5	94.0	96.3	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	63.5	79.5	89.7	95.2	97.5	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	63.7	79.7	89.9	95.4	97.7	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	63.8	79.8	90.1	95.6	98.0	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	63.8	79.8	90.1	95.6	98.0	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	63.8	79.8	90.1	95.7	98.1	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	63.8	79.8	90.1	95.7	98.1	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	63.8	79.8	90.1	95.7	98.1	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	63.8	79.9	90.2	95.8	98.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	53.7	62.7	67.7	69.8	70.2	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 20000	47.8	63.2	74.3	80.4	83.2	83.9	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	47.8	63.2	74.3	80.4	83.2	83.9	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 16000	48.2	63.5	74.6	80.8	83.5	84.2	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 14000	48.3	63.7	74.7	80.9	83.7	84.3	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 12000	49.5	65.1	76.8	82.9	85.7	86.5	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 10000	50.4	66.5	78.5	84.7	87.5	88.3	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 9000	50.5	66.6	78.6	84.8	87.6	88.4	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 8000	52.0	68.4	80.9	87.6	90.6	91.4	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 7000	52.3	68.6	81.1	87.8	90.9	91.6	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 6000	52.6	68.9	81.4	88.2	91.2	91.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 5000	53.0	69.6	82.2	88.9	91.9	92.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4500	53.5	70.2	83.0	89.8	92.8	93.5	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	54.1	70.8	83.8	90.5	93.5	94.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	54.3	71.1	84.4	91.4	94.4	95.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	54.8	71.6	84.9	92.3	95.3	96.0	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	55.1	71.9	85.3	92.6	95.6	96.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	55.2	72.3	85.6	92.9	95.9	96.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	55.2	72.3	85.6	92.9	95.9	96.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	55.3	72.5	86.0	93.5	96.6	97.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	55.3	72.6	86.2	94.0	97.0	97.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	55.3	72.7	86.3	94.2	97.2	98.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	55.3	72.7	86.3	94.2	97.2	98.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	55.3	72.7	86.3	94.2	97.2	98.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 000	55.3	72.7	86.3	94.4	97.4	98.2	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.5	45.6	53.4	58.4	61.9	62.7	64.2	64.6	64.8	64.9	65.0	65.1	65.2	65.2	65.2	65.3
GE 20000	40.9	53.8	62.8	68.5	72.4	73.4	74.9	75.4	75.6	75.7	75.8	75.9	76.0	76.0	76.0	76.0
GE 18000	41.0	53.8	62.8	68.5	72.5	73.4	75.0	75.4	75.6	75.8	75.9	75.9	76.0	76.0	76.1	76.1
GE 16000	41.0	53.9	62.9	68.6	72.5	73.5	75.0	75.5	75.7	75.8	75.9	76.0	76.1	76.1	76.1	76.2
GE 14000	41.5	54.4	63.4	69.2	73.2	74.2	75.7	76.2	76.3	76.5	76.6	76.6	76.7	76.7	76.8	76.8
GE 12000	42.9	56.1	65.3	71.2	75.3	76.3	77.8	78.3	78.5	78.7	78.7	78.8	78.9	78.9	78.9	79.0
GE 10000	45.1	59.1	68.8	74.9	79.2	80.3	82.0	82.5	82.7	82.9	83.0	83.0	83.1	83.1	83.2	83.2
GE 9000	45.2	59.3	69.0	75.1	79.4	80.4	82.2	82.8	83.0	83.2	83.3	83.3	83.4	83.4	83.5	83.5
GE 8000	46.7	61.3	71.4	77.8	82.2	83.3	85.1	85.7	85.9	86.1	86.2	86.2	86.3	86.3	86.4	86.4
GE 7000	47.1	61.7	71.9	78.3	82.8	83.9	85.7	86.3	86.5	86.7	86.8	86.8	86.9	86.9	87.0	87.0
GE 6000	47.3	62.0	72.2	78.6	83.1	84.2	86.0	86.6	86.8	87.0	87.1	87.1	87.2	87.2	87.3	87.3
GE 5000	47.6	62.5	72.8	79.3	83.8	84.9	86.8	87.4	87.6	87.8	87.9	87.9	88.0	88.0	88.1	88.1
GE 4500	48.1	63.0	73.4	79.9	84.4	85.6	87.4	88.0	88.2	88.4	88.5	88.5	88.6	88.6	88.7	88.7
GE 4000	48.7	64.0	74.5	81.1	85.7	86.9	88.7	89.3	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.1
GE 3500	49.5	64.9	75.7	82.3	87.0	88.1	90.0	90.6	90.9	91.0	91.1	91.2	91.3	91.3	91.3	91.4
GE 3000	50.6	66.3	77.1	84.0	88.8	89.9	91.9	92.5	92.7	92.9	93.0	93.1	93.2	93.2	93.3	93.3
GE 2500	51.1	66.9	77.8	84.6	89.5	90.7	92.6	93.3	93.5	93.7	93.8	93.9	94.0	94.0	94.1	94.1
GE 2000	51.6	67.6	78.6	85.6	90.5	91.7	93.7	94.4	94.7	94.8	94.9	95.0	95.1	95.1	95.2	95.2
GE 1800	51.8	67.8	78.9	85.8	90.8	92.0	94.0	94.7	94.9	95.1	95.2	95.2	95.4	95.4	95.5	95.5
GE 1500	52.2	68.5	79.6	86.6	91.6	92.8	94.9	95.6	95.8	96.0	96.1	96.2	96.3	96.3	96.4	96.4
GE 1200	52.4	68.7	79.9	86.9	92.0	93.2	95.3	96.0	96.2	96.4	96.5	96.5	96.7	96.7	96.8	96.8
GE 1000	52.6	69.0	80.3	87.4	92.5	93.8	95.9	96.6	96.8	97.0	97.1	97.2	97.4	97.4	97.4	97.4
GE 900	52.7	69.1	80.4	87.6	92.7	93.9	96.0	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.6
GE 800	52.8	69.4	80.7	87.9	93.1	94.3	96.5	97.1	97.4	97.6	97.7	97.8	97.9	97.9	98.0	98.0
GE 700	52.8	69.5	80.9	88.1	93.3	94.6	96.7	97.4	97.7	97.9	98.0	98.1	98.2	98.2	98.3	98.3
GE 600	52.8	69.5	81.1	88.4	93.6	94.9	97.0	97.7	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6
GE 500	52.8	69.6	81.2	88.5	93.8	95.1	97.3	98.0	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9
GE 400	52.8	69.6	81.3	88.6	93.9	95.2	97.4	98.2	98.5	98.7	98.8	98.9	99.0	99.0	99.1	99.1
GE 300	52.9	69.7	81.3	88.7	94.1	95.4	97.7	98.4	98.8	99.0	99.2	99.2	99.4	99.4	99.5	99.5
GE 200	52.9	69.7	81.3	88.7	94.1	95.4	97.7	98.5	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.9
GE 100	52.9	69.7	81.3	88.7	94.1	95.4	97.7	98.5	98.8	99.1	99.4	99.4	99.7	99.7	99.8	100.0
GE 000	52.9	69.7	81.3	88.7	94.1	95.4	97.7	98.5	98.8	99.1	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS

PERIOD OF RECORD: APR 81 - MAR 91

LST TO UTC: + 6

MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	58.6	65.9	68.6	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 20000	53.8	63.7	71.6	74.6	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
GE 18000	53.8	63.7	71.6	74.6	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
GE 16000	53.8	63.7	71.6	74.6	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
GE 14000	53.8	63.8	71.7	74.7	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
GE 12000	53.9	64.9	73.3	76.3	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 10000	55.9	67.3	76.1	79.3	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
GE 9000	55.9	67.3	76.2	79.6	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
GE 8000	58.0	69.9	79.3	82.8	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
GE 7000	58.3	70.4	80.4	83.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
GE 6000	58.9	71.2	81.2	84.7	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
GE 5000	59.6	72.2	82.4	85.9	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 4500	59.8	72.4	82.7	86.1	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
GE 4000	60.2	73.0	83.2	86.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6
GE 3500	60.3	73.2	83.4	87.0	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 3000	61.2	74.4	85.0	88.9	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
GE 2500	61.6	74.9	85.6	89.4	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
GE 2000	62.2	75.8	86.7	90.6	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
GE 1800	62.2	75.8	86.7	90.6	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
GE 1500	62.7	76.4	87.3	91.2	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1
GE 1200	63.1	76.9	88.1	92.0	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 1000	63.9	77.9	89.1	93.0	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 900	64.0	78.1	89.4	93.3	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 800	64.0	78.1	89.4	93.3	95.8	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6
GE 700	64.2	78.4	89.8	93.7	96.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 600	64.4	78.7	90.3	94.3	97.0	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
GE 500	64.6	78.8	90.6	94.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 400	64.7	78.9	90.8	94.8	97.7	97.9	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0
GE 300	64.7	78.9	90.8	94.8	97.8	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1
GE 200	64.7	78.9	90.8	94.8	97.8	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3
GE 100	64.7	78.9	90.8	94.8	97.8	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.7	100.0
GE 000	64.7	78.9	90.8	94.8	97.8	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	45.2	55.3	60.3	64.2	65.0	66.2	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.7	66.8
GE 20000	38.4	48.2	59.3	65.2	69.7	70.4	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.2
GE 18000	38.6	48.3	59.4	65.3	69.8	70.6	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.3
GE 16000	38.6	48.3	59.4	65.3	69.8	70.6	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.3
GE 14000	38.6	48.3	59.4	65.3	69.8	70.6	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.3
GE 12000	38.6	48.4	59.9	66.2	70.7	71.4	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1	73.2
GE 10000	40.7	51.1	62.7	69.1	73.6	74.3	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.1
GE 9000	40.7	51.3	63.1	69.6	74.0	74.8	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.6
GE 8000	43.2	54.6	66.7	73.3	77.8	78.6	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.3
GE 7000	43.7	55.1	67.2	74.0	78.4	79.2	80.4	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9	81.0
GE 6000	44.2	55.7	67.8	74.6	79.0	79.8	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.6
GE 5000	44.8	56.6	68.8	75.6	80.0	80.8	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.6
GE 4500	45.0	56.8	69.0	75.8	80.3	81.1	82.3	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.9
GE 4000	45.4	57.2	69.6	76.3	80.9	81.7	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.4
GE 3500	45.9	58.0	70.7	77.4	82.0	82.8	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.6
GE 3000	46.3	59.0	71.9	79.2	83.8	84.6	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.3
GE 2500	46.7	59.6	72.9	80.6	85.1	85.9	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.6	87.7
GE 2000	47.3	60.2	73.6	81.3	86.1	86.9	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.6	88.7
GE 1800	47.7	60.7	74.0	81.8	86.6	87.4	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.2
GE 1500	48.0	61.3	74.7	82.6	87.6	88.4	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.3
GE 1200	48.3	61.9	75.3	83.2	88.3	89.2	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.1
GE 1000	49.4	63.2	76.9	84.8	90.0	90.9	92.2	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.9	93.0
GE 900	49.7	63.7	77.3	85.2	90.6	91.4	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.4	93.6
GE 800	49.7	63.7	77.3	85.2	90.6	91.4	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.6	93.7
GE 700	50.2	64.4	78.1	86.0	91.7	92.6	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.8	94.9
GE 600	50.3	64.8	78.7	86.9	92.6	93.4	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.7	95.8
GE 500	50.6	65.0	78.9	87.2	93.1	94.0	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.7	96.9
GE 400	50.6	65.2	79.2	87.6	93.6	94.4	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.2	97.6	97.8
GE 300	50.6	65.2	79.3	87.7	93.8	94.9	97.2	97.3	97.7	97.7	97.7	97.8	97.9	98.1	98.4	98.7
GE 200	50.6	65.2	79.3	87.7	93.8	94.9	97.3	97.7	98.0	98.0	98.1	98.2	98.3	99.0	99.6	99.8
GE 100	50.6	65.2	79.3	87.7	93.8	94.9	97.3	97.7	98.0	98.0	98.1	98.2	98.4	99.1	99.7	100.0
GE 000	50.6	65.2	79.3	87.7	93.8	94.9	97.3	97.7	98.0	98.0	98.1	98.2	98.4	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.1	36.2	43.9	50.8	55.0	56.0	57.9	59.0	59.6	59.6	59.8	59.8	59.8	59.8	59.9	59.9
GE 20000	29.6	39.6	47.8	55.0	59.8	61.1	63.6	64.7	65.2	65.2	65.4	65.4	65.4	65.4	65.6	65.7
GE 18000	29.9	39.9	48.1	55.3	60.1	61.4	63.9	65.0	65.6	65.6	65.8	65.8	65.8	65.8	65.9	66.0
GE 16000	29.9	39.9	48.1	55.4	60.2	61.6	64.0	65.1	65.7	65.7	65.9	65.9	65.9	65.9	66.0	66.1
GE 14000	30.1	40.3	48.6	55.9	60.8	62.2	64.7	65.8	66.3	66.3	66.6	66.6	66.6	66.6	66.7	66.8
GE 12000	30.3	41.0	49.3	56.7	61.8	63.2	65.8	66.9	67.4	67.4	67.7	67.7	67.7	67.7	67.8	67.9
GE 10000	32.7	43.6	52.2	60.0	65.4	66.9	69.6	70.7	71.2	71.2	71.4	71.4	71.4	71.4	71.6	71.7
GE 9000	32.8	43.7	52.4	60.2	65.7	67.1	69.8	70.9	71.4	71.4	71.7	71.7	71.7	71.7	71.8	71.9
GE 8000	33.8	45.8	54.6	62.6	68.7	70.2	72.9	74.1	74.7	74.7	75.0	75.1	75.1	75.1	75.2	75.3
GE 7000	35.0	47.1	55.9	64.0	70.1	71.7	74.3	75.6	76.1	76.1	76.4	76.6	76.6	76.6	76.7	76.8
GE 6000	35.7	47.9	56.8	64.9	71.1	72.7	75.3	76.6	77.1	77.1	77.4	77.6	77.6	77.6	77.7	77.8
GE 5000	36.0	48.4	57.4	65.6	71.8	73.3	76.0	77.2	77.8	77.8	78.1	78.2	78.2	78.2	78.3	78.4
GE 4500	36.1	48.9	57.9	66.0	72.3	73.9	76.6	77.8	78.3	78.3	78.7	78.8	78.8	78.8	78.9	79.0
GE 4000	36.2	49.2	58.6	66.7	73.0	74.6	77.2	78.4	79.1	79.2	79.6	79.7	79.7	79.7	79.8	79.9
GE 3500	36.6	49.7	59.0	67.2	73.6	75.1	77.8	79.0	79.7	79.8	80.1	80.2	80.2	80.2	80.3	80.4
GE 3000	37.0	50.2	59.7	68.0	74.6	76.4	79.2	80.6	81.4	81.6	81.9	82.0	82.0	82.0	82.1	82.2
GE 2500	37.1	50.6	60.3	68.7	75.4	77.3	80.2	81.6	82.4	82.6	82.9	83.0	83.0	83.0	83.1	83.2
GE 2000	38.3	51.8	61.6	70.0	76.9	78.8	81.8	83.1	84.0	84.1	84.4	84.6	84.6	84.6	84.7	84.8
GE 1800	38.6	52.1	62.0	70.4	77.6	79.4	82.4	83.8	84.7	84.8	85.1	85.2	85.2	85.2	85.3	85.4
GE 1500	38.9	52.6	62.8	71.2	78.7	80.6	83.7	85.0	85.9	86.1	86.4	86.6	86.6	86.6	86.7	86.8
GE 1200	39.1	53.4	63.8	72.3	80.0	81.9	85.0	86.3	87.2	87.4	87.8	87.9	87.9	87.9	88.0	88.1
GE 1000	39.9	54.3	64.7	73.3	81.4	83.3	86.7	88.1	89.0	89.2	89.6	89.7	89.7	89.7	89.8	89.9
GE 900	39.9	54.6	65.2	73.9	82.1	84.0	87.3	88.9	89.8	90.0	90.3	90.4	90.4	90.4	90.6	90.7
GE 800	40.4	55.3	66.2	75.2	83.7	85.6	88.9	90.6	91.4	91.7	92.0	92.1	92.1	92.1	92.2	92.3
GE 700	40.6	55.7	66.9	76.0	84.8	86.7	90.0	91.7	92.6	92.8	93.1	93.2	93.2	93.2	93.3	93.4
GE 600	40.6	56.0	67.2	76.6	86.1	88.0	91.3	93.0	93.9	94.1	94.4	94.6	94.6	94.6	94.7	94.8
GE 500	40.6	56.7	68.0	77.4	87.2	89.2	92.9	94.7	95.6	95.8	96.1	96.2	96.2	96.2	96.3	96.4
GE 400	40.7	56.8	68.2	77.9	87.9	90.1	94.0	95.8	96.7	97.0	97.3	97.4	97.4	97.4	97.6	97.7
GE 300	40.7	56.8	68.2	77.9	88.2	90.6	94.6	96.7	97.9	98.2	98.9	99.0	99.0	99.0	99.1	99.2
GE 200	40.7	56.8	68.2	77.9	88.2	90.7	94.7	96.9	98.1	98.4	99.2	99.3	99.4	99.4	99.6	99.8
GE 100	40.7	56.8	68.2	77.9	88.2	90.7	94.7	96.9	98.1	98.4	99.2	99.3	99.4	99.4	99.6	99.8
GE 000	40.7	56.8	68.2	77.9	88.2	90.7	94.7	96.9	98.1	98.4	99.2	99.3	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	55.2	58.6	59.8	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 20000	54.0	60.3	63.9	65.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	54.1	60.4	64.0	65.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 16000	54.1	60.4	64.0	65.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 14000	54.9	61.8	65.4	66.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	56.0	62.9	66.6	67.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	57.9	64.9	68.7	70.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	58.1	65.1	68.9	70.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000	60.1	67.4	71.3	72.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 7000	61.2	68.6	72.4	74.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	61.2	68.6	72.4	74.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	62.3	69.8	73.7	75.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	62.9	70.3	74.2	75.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4000	63.4	71.1	75.0	76.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	63.8	71.6	75.4	77.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3000	64.8	73.0	76.9	78.4	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	66.1	74.7	78.6	80.2	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	68.7	78.0	81.9	83.7	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	68.9	78.6	82.4	84.2	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	70.3	80.2	84.6	87.1	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	71.2	81.7	86.2	89.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	72.0	83.7	88.8	91.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	72.0	83.9	89.3	92.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	72.4	84.8	90.6	94.1	96.6	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	72.4	85.2	91.0	94.9	97.9	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	72.4	85.3	91.2	95.4	98.4	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	72.4	85.4	91.3	95.7	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	72.4	85.4	91.3	95.7	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	72.4	85.4	91.3	95.7	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	72.4	85.4	91.3	95.7	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	72.4	85.4	91.3	95.7	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	72.4	85.4	91.3	95.7	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	59.3	60.2	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 20000	63.8	69.3	70.2	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	63.9	69.4	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	63.9	69.4	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000	64.6	70.1	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	66.2	71.9	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	67.8	73.4	74.3	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	67.9	73.6	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	69.9	75.7	76.6	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	71.1	76.9	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000	71.8	77.7	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	73.0	79.0	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	73.8	79.9	80.8	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	75.7	81.8	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	77.3	83.9	84.9	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	79.8	86.9	87.9	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	81.1	88.3	89.6	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	82.7	90.4	92.1	92.7	93.2	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	82.9	90.8	92.6	93.2	93.8	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	83.6	91.7	93.7	94.6	95.1	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	84.3	92.6	94.8	96.1	96.7	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	85.0	93.6	95.9	97.2	97.8	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	85.0	93.6	95.9	97.2	97.8	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	85.1	93.8	96.2	97.7	98.2	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	85.1	94.0	96.6	98.3	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	85.1	94.0	96.8	98.6	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	85.1	94.0	96.8	98.6	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	85.1	94.0	96.8	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.1	94.0	96.8	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.1	94.0	96.8	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.1	94.0	96.8	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.1	94.0	96.8	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	60.1	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 20000	66.7	72.4	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 18000	66.9	72.7	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	67.0	72.8	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 14000	68.1	73.9	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	69.3	75.2	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	72.6	78.4	79.1	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	72.8	78.7	79.4	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	76.4	82.8	83.6	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	77.3	83.7	84.4	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000	77.8	84.2	85.0	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	79.1	85.6	86.4	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	80.1	86.7	87.6	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	81.6	88.4	89.3	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	82.1	89.3	90.7	91.3	91.4	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	83.8	91.2	93.0	93.7	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	83.9	91.3	93.2	93.9	94.1	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	85.1	92.8	94.9	95.7	95.9	96.0	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	85.3	93.0	95.2	96.0	96.2	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	85.8	93.6	96.0	96.9	97.1	97.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	86.0	93.8	96.2	97.1	97.3	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	86.2	94.1	96.6	97.4	97.7	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	86.2	94.1	96.6	97.4	97.7	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	86.6	94.6	97.0	97.9	98.2	98.3	98.6	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	86.6	94.6	97.0	97.9	98.2	98.3	98.8	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	86.6	94.6	97.0	98.1	98.6	98.7	99.1	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	86.6	94.6	97.0	98.2	98.7	98.8	99.3	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	86.6	94.6	97.0	98.2	98.7	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	86.6	94.6	97.0	98.2	98.7	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	86.6	94.6	97.0	98.2	98.7	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	86.6	94.6	97.0	98.2	98.7	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	86.6	94.6	97.0	98.2	98.7	98.8	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	62.9	65.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	62.3	71.4	74.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	62.3	71.4	74.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	62.3	71.4	74.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	63.6	72.8	75.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	64.2	74.0	76.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	67.4	77.8	80.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 9000	67.6	77.9	81.1	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	70.4	81.2	84.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 7000	71.3	82.1	85.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000	71.7	82.4	85.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	73.0	84.1	87.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500	73.3	84.7	88.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	74.4	86.1	89.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	74.8	86.6	90.6	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	75.6	87.4	91.9	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	75.9	87.8	92.2	94.0	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	76.4	88.9	93.3	95.2	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	76.8	89.1	93.6	95.4	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	77.1	89.8	94.6	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	77.2	90.1	94.9	97.1	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	77.4	90.6	95.3	97.6	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	77.4	90.6	95.3	97.6	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7
GE 800	77.4	90.6	95.3	97.6	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7
GE 700	77.6	90.8	95.6	97.8	98.4	98.4	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0
GE 600	77.6	90.8	95.7	98.1	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3
GE 500	77.6	90.8	95.7	98.1	98.8	98.8	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	77.6	90.8	95.7	98.1	98.8	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.6	90.8	95.7	98.1	98.8	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.6	90.8	95.7	98.1	98.8	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.6	90.8	95.7	98.1	98.8	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.6	90.8	95.7	98.1	98.8	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	62.6	68.0	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 20000	61.9	69.7	76.0	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 18000	61.9	69.7	76.0	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	61.9	69.7	76.0	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	62.7	70.6	77.0	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 12000	63.3	72.0	78.8	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	65.0	74.0	81.2	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	65.1	74.2	81.4	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 8000	68.2	77.9	85.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 7000	69.1	79.4	86.9	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 6000	69.3	79.7	87.1	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	70.4	80.8	88.3	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	70.4	80.8	88.3	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	70.6	81.1	88.8	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	70.9	81.4	89.2	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	71.3	81.9	90.0	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	71.8	82.6	90.7	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	72.4	83.4	91.9	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	72.4	83.4	92.0	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	72.6	83.7	92.3	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	72.7	83.9	92.6	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	73.3	84.7	93.7	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	73.3	84.7	93.7	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	73.4	84.8	93.8	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	73.4	84.9	93.9	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	73.4	85.0	94.1	97.7	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	73.4	85.0	94.2	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	73.4	85.0	94.3	98.0	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	73.4	85.0	94.3	98.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	73.4	85.0	94.3	98.0	98.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	73.4	85.0	94.3	98.0	98.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	73.4	85.0	94.3	98.0	98.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	55.0	59.7	62.1	63.6	63.8	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
GE 20000	53.8	61.8	67.0	69.7	71.3	71.6	72.1	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4
GE 18000	53.9	61.9	67.1	69.8	71.4	71.7	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000	53.9	62.0	67.1	69.8	71.4	71.7	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
GE 14000	54.5	62.7	67.9	70.6	72.2	72.5	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
GE 12000	55.2	63.8	69.2	71.9	73.6	73.9	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	57.5	66.3	71.9	74.8	76.5	76.8	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7
GE 9000	57.6	66.5	72.1	75.1	76.8	77.1	77.6	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
GE 8000	60.0	69.4	75.2	78.2	80.0	80.3	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3
GE 7000	60.9	70.4	76.3	79.4	81.2	81.5	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
GE 6000	61.3	70.9	76.8	79.9	81.7	82.0	82.5	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9
GE 5000	62.3	72.1	78.1	81.2	83.0	83.3	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2
GE 4500	62.7	72.6	78.6	81.7	83.5	83.9	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
GE 4000	63.4	73.5	79.6	82.8	84.7	85.0	85.5	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
GE 3500	64.0	74.2	80.5	83.7	85.7	86.0	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0
GE 3000	65.0	75.5	82.0	85.4	87.4	87.8	88.3	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8
GE 2500	65.5	76.2	82.9	86.3	88.4	88.8	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9
GE 2000	66.7	77.7	84.5	88.0	90.2	90.6	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7
GE 1800	66.8	77.9	84.8	88.4	90.6	91.0	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
GE 1500	67.4	78.7	85.7	89.5	91.8	92.2	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4
GE 1200	67.8	79.3	86.5	90.3	92.8	93.2	93.8	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4
GE 1000	68.4	80.3	87.6	91.6	94.0	94.5	95.2	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8
GE 900	68.4	80.4	87.8	91.8	94.3	94.8	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1
GE 800	68.6	80.7	88.2	92.3	94.9	95.3	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 700	68.8	81.0	88.6	92.8	95.5	96.0	96.8	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5
GE 600	68.8	81.1	88.9	93.2	96.1	96.6	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1
GE 500	68.8	81.3	89.1	93.4	96.4	96.9	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 400	68.9	81.3	89.2	93.6	96.7	97.2	98.4	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2
GE 300	68.9	81.3	89.2	93.6	96.8	97.3	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.6
GE 200	68.9	81.3	89.2	93.6	96.8	97.4	98.6	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.8
GE 100	68.9	81.3	89.2	93.6	96.8	97.4	98.6	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.9	100.0
GE 000	68.9	81.3	89.2	93.6	96.8	97.4	98.6	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	53.9	57.4	61.8	62.9	63.0	63.4	63.8	63.8	64.0	64.3	64.3	64.8	64.8	64.9	65.2
GE 20000	51.5	56.8	60.8	65.3	66.5	66.7	67.1	67.5	67.5	67.7	68.1	68.1	68.6	68.6	68.7	68.9
GE 18000	51.5	56.8	60.8	65.3	66.5	66.7	67.1	67.5	67.5	67.7	68.1	68.1	68.6	68.6	68.7	68.9
GE 16000	51.5	56.8	60.8	65.3	66.5	66.7	67.1	67.5	67.5	67.7	68.1	68.1	68.6	68.6	68.7	68.9
GE 14000	51.8	57.1	61.1	65.6	66.8	67.0	67.4	67.8	67.8	68.1	68.4	68.4	68.9	68.9	69.0	69.2
GE 12000	52.6	58.0	61.9	66.6	67.7	68.0	68.4	68.8	68.8	69.0	69.4	69.4	69.9	69.9	70.0	70.2
GE 10000	54.0	59.8	64.2	68.9	70.2	70.4	70.9	71.3	71.3	71.5	71.8	71.8	72.4	72.4	72.5	72.7
GE 9000	54.4	60.3	64.7	69.5	70.8	71.0	71.4	71.8	71.8	72.0	72.4	72.4	72.9	72.9	73.0	73.2
GE 8000	55.5	61.6	66.0	71.1	72.5	72.7	73.1	73.5	73.5	73.8	74.1	74.1	74.6	74.6	74.7	74.9
GE 7000	55.9	62.2	66.7	71.7	73.1	73.3	73.8	74.2	74.2	74.4	74.7	74.7	75.3	75.3	75.4	75.6
GE 6000	56.5	62.8	67.4	72.5	73.9	74.1	74.5	74.9	74.9	75.2	75.5	75.5	76.0	76.0	76.1	76.3
GE 5000	58.1	64.5	69.1	74.4	75.8	76.0	76.5	76.9	76.9	77.1	77.4	77.4	78.0	78.0	78.1	78.3
GE 4500	59.7	66.6	71.2	76.5	77.8	78.1	78.5	78.9	78.9	79.1	79.5	79.5	80.0	80.0	80.1	80.3
GE 4000	60.8	68.1	73.1	78.4	79.9	80.1	80.5	81.0	81.0	81.2	81.5	81.5	82.0	82.0	82.2	82.4
GE 3500	61.7	69.1	74.4	79.9	81.4	81.6	82.0	82.5	82.5	82.7	83.0	83.0	83.5	83.5	83.7	83.9
GE 3000	62.6	70.1	75.4	81.1	82.7	82.9	83.3	83.8	83.8	84.0	84.3	84.3	84.8	84.8	84.9	85.2
GE 2500	62.9	70.9	76.2	81.9	83.7	83.9	84.3	84.7	84.7	84.9	85.3	85.3	85.8	85.8	85.9	86.1
GE 2000	64.1	72.0	77.5	83.2	84.9	85.2	85.6	86.0	86.0	86.2	86.6	86.6	87.1	87.1	87.2	87.4
GE 1800	64.3	72.4	77.8	83.5	85.4	85.6	86.0	86.5	86.5	86.7	87.0	87.0	87.5	87.5	87.6	87.8
GE 1500	65.5	73.7	79.2	84.9	86.8	87.0	87.5	88.0	88.0	88.2	88.5	88.5	89.0	89.0	89.1	89.4
GE 1200	65.7	73.9	79.6	85.4	87.3	87.5	88.1	88.5	88.5	88.7	89.0	89.0	89.6	89.6	89.7	89.9
GE 1000	66.5	74.7	81.1	87.2	89.4	89.6	90.1	90.5	90.5	90.8	91.1	91.1	91.6	91.6	91.7	91.9
GE 900	66.9	75.4	81.9	88.1	90.2	90.4	91.0	91.4	91.4	91.6	91.9	91.9	92.5	92.5	92.6	92.8
GE 800	67.2	75.8	82.9	89.2	91.7	91.9	92.6	93.0	93.0	93.2	93.5	93.5	94.1	94.1	94.2	94.4
GE 700	67.6	76.3	83.4	89.9	92.4	92.6	93.2	93.7	93.7	93.9	94.2	94.2	94.7	94.7	94.8	95.1
GE 600	67.6	76.5	83.7	90.2	92.9	93.2	93.9	94.3	94.3	94.5	94.8	94.8	95.4	95.4	95.5	95.7
GE 500	67.7	76.8	84.1	90.8	93.7	94.0	94.6	95.1	95.1	95.3	95.6	95.6	96.1	96.1	96.2	96.5
GE 400	67.8	76.9	84.4	91.3	94.3	94.6	95.4	95.9	95.9	96.1	96.5	96.5	97.0	97.0	97.1	97.3
GE 300	67.8	77.0	84.6	91.6	94.8	95.3	96.5	97.3	97.3	97.5	97.8	97.8	98.5	98.5	98.7	98.9
GE 200	67.8	77.0	84.6	91.6	94.8	95.3	96.8	97.6	97.6	97.8	98.3	98.5	99.1	99.1	99.5	99.8
GE 100	67.8	77.0	84.6	91.6	94.8	95.3	96.8	97.6	97.6	97.8	98.4	98.6	99.2	99.2	99.7	100.0
GE 000	67.8	77.0	84.6	91.6	94.8	95.3	96.8	97.6	97.6	97.8	98.4	98.6	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	44.5	49.0	53.7	57.6	57.7	58.7	59.0	59.0	59.5	59.8	59.8	60.1	60.3	60.4	60.8
GE 20000	42.2	47.1	52.3	57.2	61.7	61.8	62.8	63.1	63.1	63.5	63.9	63.9	64.3	64.5	64.6	64.9
GE 18000	42.3	47.2	52.4	57.3	61.8	61.9	62.9	63.2	63.2	63.7	64.0	64.0	64.4	64.6	64.7	65.1
GE 16000	42.3	47.2	52.4	57.3	61.8	61.9	62.9	63.2	63.2	63.7	64.0	64.0	64.4	64.6	64.7	65.1
GE 14000	42.3	47.2	52.4	57.3	61.8	61.9	62.9	63.2	63.2	63.7	64.0	64.0	64.4	64.6	64.7	65.1
GE 12000	42.9	47.8	53.0	58.0	62.5	62.6	63.5	63.9	63.9	64.3	64.6	64.6	65.1	65.3	65.4	65.7
GE 10000	45.1	50.6	56.0	61.3	65.8	65.9	67.0	67.3	67.3	67.7	68.1	68.1	68.5	68.7	68.8	69.1
GE 9000	45.3	51.0	56.7	62.0	66.6	66.7	67.7	68.1	68.1	68.5	68.8	68.8	69.2	69.5	69.6	69.9
GE 8000	46.8	52.5	58.6	64.4	69.1	69.4	70.4	70.8	70.8	71.2	71.5	71.5	71.9	72.2	72.3	72.6
GE 7000	47.1	52.8	58.9	64.7	69.5	69.7	70.8	71.1	71.1	71.5	71.8	71.8	72.3	72.5	72.6	72.9
GE 6000	47.8	53.5	59.9	65.7	70.4	70.6	71.7	72.0	72.0	72.5	72.8	72.8	73.2	73.4	73.5	73.9
GE 5000	49.2	55.2	61.8	67.7	72.5	72.7	73.8	74.2	74.2	74.6	74.9	74.9	75.4	75.6	75.7	76.0
GE 4500	51.0	56.9	63.5	69.5	74.2	74.4	75.5	75.9	75.9	76.3	76.7	76.7	77.1	77.3	77.4	77.7
GE 4000	51.7	58.0	64.6	70.5	75.7	75.9	77.0	77.4	77.5	78.0	78.3	78.3	78.7	78.9	79.0	79.4
GE 3500	52.3	58.6	65.3	71.3	76.5	76.7	77.7	78.2	78.3	78.7	79.0	79.0	79.5	79.7	79.8	80.1
GE 3000	53.1	59.8	66.5	72.9	78.4	78.6	79.7	80.1	80.2	80.6	81.0	81.0	81.4	81.6	81.7	82.0
GE 2500	53.8	60.8	67.4	74.0	79.5	79.7	80.8	81.2	81.3	81.7	82.0	82.0	82.5	82.7	82.8	83.1
GE 2000	55.1	62.2	69.0	75.6	81.3	81.5	82.6	83.0	83.1	83.5	83.9	83.9	84.3	84.5	84.6	84.9
GE 1800	55.2	62.6	69.6	76.2	81.9	82.2	83.2	83.7	83.8	84.2	84.5	84.5	84.9	85.2	85.3	85.6
GE 1500	55.5	62.9	70.2	77.1	83.0	83.2	84.4	84.8	84.9	85.4	85.7	85.7	86.1	86.3	86.5	86.8
GE 1200	55.8	63.3	70.8	77.8	84.0	84.2	85.4	85.8	85.9	86.3	86.7	86.7	87.1	87.3	87.4	87.7
GE 1000	56.2	63.9	71.5	79.5	85.8	86.2	87.4	87.8	88.0	88.4	88.7	88.7	89.1	89.4	89.5	89.8
GE 900	56.3	64.2	72.0	80.0	86.5	87.1	88.3	88.7	88.8	89.2	89.6	89.6	90.0	90.2	90.3	90.6
GE 800	57.0	65.1	73.2	81.6	88.1	88.7	89.9	90.3	90.4	90.9	91.2	91.2	91.6	91.8	91.9	92.3
GE 700	57.2	65.6	73.8	82.2	88.7	89.4	90.6	91.1	91.2	91.6	91.9	91.9	92.4	92.6	92.7	93.0
GE 600	57.3	66.0	74.4	82.9	89.8	90.4	91.8	92.3	92.4	92.8	93.1	93.1	93.5	93.8	93.9	94.2
GE 500	57.4	66.2	74.7	83.3	91.0	91.6	93.5	94.0	94.1	94.5	94.8	94.8	95.3	95.5	95.6	95.9
GE 400	57.5	66.5	74.9	83.5	91.7	92.4	94.4	95.1	95.2	95.6	95.9	95.9	96.3	96.6	96.7	97.0
GE 300	57.5	66.5	74.9	83.5	91.8	92.5	94.6	95.7	95.8	96.5	96.9	96.9	97.6	97.8	98.0	98.3
GE 200	57.5	66.5	74.9	83.5	92.0	92.8	95.1	96.2	96.3	97.0	97.5	97.5	98.7	98.9	99.0	99.5
GE 100	57.5	66.5	74.9	83.5	92.2	92.9	95.2	96.3	96.5	97.1	97.6	97.6	98.8	99.1	99.4	100.0
GE 000	57.5	66.5	74.9	83.5	92.2	92.9	95.2	96.3	96.5	97.1	97.6	97.6	98.8	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.2	38.1	43.2	46.6	50.3	51.4	52.8	53.4	53.4	54.1	54.2	54.3	54.4	54.4	54.4	54.8
GE 20000	33.4	41.0	46.6	50.4	54.4	55.5	57.2	57.8	57.8	58.6	58.7	58.8	58.9	58.9	59.0	59.5
GE 18000	33.4	41.2	46.8	50.6	54.6	55.7	57.4	58.1	58.1	58.8	58.9	59.0	59.1	59.1	59.2	59.7
GE 16000	33.4	41.3	46.9	50.8	54.7	55.8	57.5	58.2	58.2	58.9	59.0	59.1	59.2	59.2	59.4	59.8
GE 14000	33.7	41.5	47.1	51.0	54.9	56.0	57.7	58.4	58.4	59.1	59.2	59.4	59.5	59.5	59.6	60.0
GE 12000	34.0	41.8	47.4	51.4	55.7	56.8	58.6	59.2	59.2	60.0	60.1	60.2	60.3	60.3	60.4	60.9
GE 10000	35.5	43.5	49.7	53.7	58.0	59.0	60.9	61.5	61.6	62.4	62.5	62.6	62.7	62.7	62.8	63.2
GE 9000	35.6	43.7	50.1	54.1	58.4	59.5	61.3	61.9	62.0	62.8	62.9	63.0	63.1	63.1	63.2	63.7
GE 8000	37.0	45.3	52.2	56.5	60.8	61.9	63.8	64.4	64.5	65.3	65.5	65.6	65.7	65.7	65.8	66.2
GE 7000	37.5	45.9	52.8	57.1	61.5	62.7	64.5	65.2	65.3	66.0	66.2	66.3	66.5	66.5	66.6	67.0
GE 6000	38.1	46.8	53.8	58.1	62.5	63.7	65.5	66.1	66.2	67.0	67.2	67.3	67.4	67.4	67.5	68.0
GE 5000	39.4	48.3	55.5	60.0	64.4	65.7	67.8	68.5	68.6	69.4	69.6	69.7	69.8	69.8	69.9	70.3
GE 4500	40.5	49.5	56.7	61.2	65.6	66.9	69.0	69.7	69.8	70.5	70.8	70.9	71.0	71.0	71.1	71.5
GE 4000	41.3	50.3	57.5	62.3	66.7	68.0	70.2	70.9	71.0	71.7	71.9	72.0	72.2	72.2	72.3	72.7
GE 3500	41.9	51.1	58.5	63.4	68.0	69.2	71.6	72.3	72.4	73.1	73.3	73.4	73.5	73.5	73.7	74.1
GE 3000	42.8	51.9	59.6	64.6	69.1	70.4	72.9	73.5	73.7	74.4	74.6	74.7	74.8	74.8	74.9	75.4
GE 2500	43.5	53.0	61.1	66.2	71.0	72.3	74.7	75.4	75.5	76.2	76.5	76.6	76.7	76.7	76.8	77.2
GE 2000	44.1	53.8	61.9	67.3	72.3	73.5	76.1	76.9	77.0	77.7	78.0	78.1	78.2	78.2	78.3	78.7
GE 1800	44.3	54.1	62.5	67.8	72.8	74.1	76.7	77.4	77.5	78.3	78.5	78.6	78.7	78.7	78.8	79.2
GE 1500	45.3	55.2	63.7	69.1	74.3	75.6	78.3	79.0	79.1	79.9	80.1	80.2	80.3	80.3	80.4	80.9
GE 1200	45.6	56.2	65.2	71.0	76.8	78.2	80.9	81.6	81.7	82.5	82.7	82.8	82.9	82.9	83.0	83.4
GE 1000	46.3	57.4	66.5	72.5	78.8	80.4	83.4	84.2	84.3	85.1	85.3	85.4	85.5	85.5	85.6	86.0
GE 900	47.0	58.4	67.5	73.7	80.0	81.6	84.6	85.5	85.6	86.3	86.6	86.7	86.8	86.8	86.9	87.3
GE 800	47.4	59.0	68.4	74.7	81.7	83.4	86.7	87.6	87.7	88.5	88.7	88.8	88.9	88.9	89.0	89.5
GE 700	47.8	59.8	69.2	75.7	82.9	84.6	88.0	88.9	89.0	89.8	90.0	90.1	90.2	90.2	90.3	90.8
GE 600	48.2	60.2	69.7	76.8	84.9	87.1	90.4	91.7	91.8	92.6	92.8	92.9	93.0	93.0	93.1	93.5
GE 500	48.4	60.4	70.1	77.2	85.9	88.4	92.0	93.4	93.7	94.4	94.6	94.7	94.8	94.8	94.9	95.4
GE 400	48.4	60.4	70.2	77.6	86.6	89.1	92.9	94.7	94.9	95.7	95.9	96.0	96.1	96.1	96.2	96.7
GE 300	48.4	60.4	70.2	77.8	87.0	89.7	93.5	95.6	95.8	96.9	97.1	97.2	97.6	97.6	97.8	98.3
GE 200	48.4	60.4	70.2	77.8	87.0	89.7	93.5	95.6	95.9	97.2	97.6	98.0	98.6	98.6	98.9	99.5
GE 100	48.4	60.4	70.2	77.8	87.0	89.7	93.5	95.6	95.9	97.2	97.6	98.1	98.8	98.9	99.4	100.0
GE 000	48.4	60.4	70.2	77.8	87.0	89.7	93.5	95.6	95.9	97.2	97.6	98.1	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	52.8	53.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	53.5	57.2	58.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	53.5	57.2	58.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	53.5	57.2	58.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 14000	53.9	57.5	59.0	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	54.6	58.3	60.0	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	58.5	62.5	64.5	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	58.9	62.9	64.9	66.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 8000	61.0	65.3	67.6	68.9	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	61.6	66.0	68.4	69.7	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	62.4	66.8	69.2	70.5	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	63.5	68.3	70.8	72.0	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	64.2	68.9	71.4	72.7	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	65.1	69.8	72.3	73.5	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	65.6	70.4	73.0	74.4	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	66.8	71.6	74.3	75.7	76.1	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	68.3	73.1	75.9	77.4	77.8	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2000	69.9	74.9	78.2	79.8	80.2	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	70.4	75.5	78.2	80.4	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	72.3	77.7	81.5	83.4	84.1	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	73.9	80.0	84.2	86.6	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	74.8	81.3	85.7	88.2	89.0	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	75.9	82.6	87.0	89.8	90.6	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	77.0	83.9	88.4	91.6	92.8	93.0	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	77.6	84.6	89.2	92.5	94.0	94.3	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	77.6	84.8	89.6	92.8	94.9	95.4	96.0	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	77.7	84.9	89.8	93.1	95.7	96.2	97.1	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	77.7	84.9	89.8	93.2	95.8	96.3	97.5	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	77.7	84.9	89.8	93.2	95.8	96.3	97.7	98.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9
GE 200	77.7	84.9	89.8	93.2	95.8	96.3	97.7	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	77.7	84.9	89.8	93.2	95.8	96.3	97.7	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	77.7	84.9	89.8	93.2	95.8	96.3	97.7	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	63.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000	63.2	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	63.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	64.2	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 12000	65.6	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	69.8	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	70.5	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	71.7	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 7000	72.2	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	72.9	74.3	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	74.5	75.9	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4500	74.7	76.3	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	76.0	77.6	78.6	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3500	77.0	78.7	79.9	80.0	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	78.4	80.1	81.3	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2500	81.5	84.1	85.3	85.4	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000	83.9	86.7	88.4	88.7	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	85.1	87.8	89.6	89.9	90.5	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	87.2	90.2	91.9	92.5	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	88.4	91.6	93.4	94.0	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	89.0	92.4	94.3	94.8	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	89.1	92.5	94.4	95.2	96.1	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	89.2	92.6	94.6	95.5	96.6	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	89.2	92.6	94.7	95.6	96.7	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	89.2	92.6	94.7	95.7	97.3	97.6	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	89.6	92.9	95.1	96.0	97.6	98.0	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	89.6	92.9	95.1	96.2	98.0	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	89.6	92.9	95.2	96.5	98.2	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.6	92.9	95.2	96.5	98.2	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.6	92.9	95.2	96.5	98.2	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.6	92.9	95.2	96.5	98.2	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.2	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	65.8	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	66.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	66.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	66.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	67.6	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	72.0	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	72.8	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	74.9	76.7	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 7000	75.5	77.2	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	76.5	78.2	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	78.5	80.3	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	79.0	81.0	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	80.6	82.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	81.5	83.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	83.1	85.4	86.6	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	85.1	87.5	89.0	89.6	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	86.1	88.6	90.2	90.9	91.4	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	86.6	89.0	90.6	91.4	91.9	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	87.4	90.2	92.0	92.8	93.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	88.6	91.6	93.5	94.4	95.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	88.8	91.9	94.1	95.2	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	88.8	91.9	94.2	95.3	96.1	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	89.1	92.3	94.5	95.8	96.9	97.0	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	89.1	92.5	94.7	96.0	97.1	97.2	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	89.1	92.7	94.9	96.2	97.8	98.0	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	89.1	92.7	94.9	96.2	97.8	98.2	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	89.1	93.0	95.3	96.6	98.3	98.6	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.1	93.0	95.3	96.6	98.3	98.6	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.1	93.0	95.3	96.6	98.3	98.6	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.1	93.0	95.3	96.6	98.3	98.6	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.1	93.0	95.3	96.6	98.3	98.6	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	60.1	60.9	61.3	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	63.0	66.3	67.2	67.6	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	63.1	66.5	67.3	67.7	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 16000	63.1	66.5	67.3	67.7	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	63.1	66.5	67.3	67.7	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	65.3	68.6	69.5	69.9	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	68.2	72.0	73.5	74.0	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	69.5	73.3	74.8	75.3	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 8000	72.2	76.2	78.0	78.5	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	72.9	77.0	78.7	79.5	80.1	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	73.7	77.7	79.5	80.2	80.9	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	75.1	79.1	81.1	81.8	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	76.2	80.4	82.5	83.3	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	77.5	82.2	84.3	85.2	85.9	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3500	78.4	83.1	85.4	86.2	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	79.0	84.1	86.3	87.2	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	79.8	84.9	87.3	88.4	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	80.6	86.2	88.9	90.0	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	81.0	86.6	89.2	90.3	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	81.4	87.1	90.0	91.2	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	81.6	87.4	90.6	91.8	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	82.3	88.3	91.7	93.0	94.9	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	82.6	88.6	92.2	93.5	95.6	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	82.7	88.8	92.5	93.9	95.9	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	82.7	89.0	92.9	94.4	96.6	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	83.0	89.6	93.5	95.2	97.4	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	83.0	89.6	93.9	95.7	98.3	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	83.0	89.6	93.9	95.7	98.4	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	83.0	89.6	93.9	95.7	98.4	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.0	89.6	93.9	95.7	98.4	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.0	89.6	93.9	95.7	98.4	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.0	89.6	93.9	95.7	98.4	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.7	61.4	63.5	65.3	65.7	65.8	65.9	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.5	66.5
GE 20000	60.4	65.5	67.8	69.6	70.0	70.3	70.4	70.5	70.6	70.9	70.9	70.9	70.9	70.9	71.0	71.0
GE 18000	60.5	65.6	68.0	69.7	70.1	70.4	70.5	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 16000	60.5	65.6	68.0	69.7	70.1	70.4	70.5	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 14000	60.6	65.7	68.1	69.8	70.2	70.5	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 12000	62.4	67.4	69.8	71.5	71.9	72.3	72.4	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.9	72.9
GE 10000	65.1	70.8	73.9	75.6	76.0	76.3	76.5	76.6	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0
GE 9000	65.5	71.2	74.3	76.0	76.5	76.8	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 8000	66.9	72.6	76.0	77.7	78.3	78.6	78.9	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.5	79.5
GE 7000	67.0	72.7	76.2	78.0	78.5	78.8	79.1	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7
GE 6000	67.7	73.7	77.2	78.9	79.5	79.8	80.1	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.6
GE 5000	69.2	75.3	78.9	80.6	81.3	81.6	81.9	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.5
GE 4500	70.4	76.5	80.2	82.0	82.7	83.0	83.3	83.4	83.5	83.8	83.8	83.8	83.8	83.8	83.9	83.9
GE 4000	71.2	77.5	81.5	83.3	84.0	84.3	84.6	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.2
GE 3500	71.6	78.0	81.9	83.8	84.4	84.7	85.1	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.6	85.6
GE 3000	72.7	79.0	83.3	85.2	85.9	86.2	86.6	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1
GE 2500	72.8	80.2	84.9	86.9	87.6	88.0	88.3	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8
GE 2000	73.3	81.1	85.9	88.0	88.7	89.0	89.4	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 1800	73.4	81.2	86.0	88.1	89.1	89.5	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3
GE 1500	74.3	82.0	87.0	89.1	90.2	90.5	91.2	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.7	91.7
GE 1200	74.5	82.5	87.7	89.9	91.0	91.3	91.9	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5
GE 1000	75.1	83.1	88.6	90.9	92.0	92.4	93.0	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5
GE 900	75.3	83.3	89.2	91.7	92.9	93.2	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 800	75.7	84.1	90.4	93.0	94.3	94.6	95.3	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8
GE 700	75.7	84.2	90.8	93.7	95.2	95.5	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7
GE 600	75.8	84.4	91.2	94.1	95.7	96.0	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 500	76.0	84.6	91.7	94.6	96.5	96.8	97.4	97.5	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 400	76.0	84.7	91.8	94.7	96.8	97.1	97.8	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE 300	76.0	84.7	91.9	94.9	97.2	97.5	98.5	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.6	99.7
GE 200	76.0	84.7	91.9	94.9	97.2	97.5	98.6	98.8	99.0	99.6	99.6	99.7	99.7	99.7	99.8	100.0
GE 100	76.0	84.7	91.9	94.9	97.2	97.5	98.6	98.8	99.0	99.6	99.6	99.7	99.7	99.7	99.8	100.0
GE 000	76.0	84.7	91.9	94.9	97.2	97.5	98.6	98.8	99.0	99.6	99.6	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	53.2	55.4	57.3	58.5	58.7	59.1	59.3	59.3	59.5	59.6	59.6	59.7	59.7	59.8	59.9
GE 20000	54.1	58.3	60.7	62.8	64.1	64.3	64.8	65.0	65.0	65.2	65.3	65.3	65.4	65.4	65.5	65.6
GE 18000	54.2	58.3	60.8	62.9	64.2	64.5	64.9	65.1	65.1	65.3	65.4	65.4	65.6	65.6	65.6	65.8
GE 16000	54.2	58.3	60.8	62.9	64.3	64.5	64.9	65.1	65.1	65.3	65.4	65.5	65.6	65.6	65.7	65.8
GE 14000	54.5	58.6	61.1	63.2	64.5	64.7	65.2	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.9	66.0
GE 12000	55.6	59.7	62.3	64.4	65.8	66.0	66.5	66.7	66.7	66.9	67.0	67.0	67.1	67.2	67.2	67.3
GE 10000	58.5	63.0	66.0	68.2	69.6	69.8	70.3	70.5	70.5	70.7	70.8	70.8	70.9	71.0	71.0	71.1
GE 9000	59.1	63.6	66.6	68.8	70.2	70.5	71.0	71.1	71.2	71.4	71.5	71.5	71.6	71.6	71.7	71.8
GE 8000	60.7	65.4	68.7	71.0	72.6	72.8	73.4	73.5	73.6	73.9	73.9	74.0	74.1	74.1	74.1	74.2
GE 7000	61.2	65.9	69.2	71.6	73.1	73.4	73.9	74.1	74.2	74.4	74.5	74.5	74.6	74.6	74.7	74.8
GE 6000	61.9	66.7	70.1	72.5	74.0	74.3	74.8	75.0	75.0	75.2	75.3	75.4	75.5	75.5	75.6	75.7
GE 5000	63.4	68.4	71.9	74.3	75.9	76.2	76.7	76.9	76.9	77.2	77.3	77.3	77.4	77.4	77.5	77.6
GE 4500	64.5	69.5	73.1	75.5	77.1	77.4	78.0	78.2	78.2	78.4	78.5	78.5	78.6	78.7	78.7	78.8
GE 4000	65.5	70.8	74.4	77.0	78.6	79.0	79.5	79.7	79.8	80.0	80.1	80.1	80.2	80.3	80.3	80.4
GE 3500	66.3	71.6	75.4	78.0	79.7	80.0	80.6	80.8	80.9	81.1	81.2	81.2	81.3	81.3	81.4	81.5
GE 3000	67.3	72.8	76.7	79.4	81.2	81.5	82.1	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.9	83.0
GE 2500	68.5	74.3	78.4	81.2	83.1	83.5	84.1	84.3	84.4	84.6	84.7	84.7	84.9	84.9	84.9	85.1
GE 2000	69.6	75.7	80.0	82.9	84.9	85.3	86.0	86.2	86.2	86.4	86.5	86.6	86.7	86.7	86.8	86.9
GE 1800	70.0	76.1	80.5	83.5	85.5	85.9	86.6	86.8	86.9	87.1	87.2	87.2	87.3	87.3	87.4	87.5
GE 1500	71.1	77.4	81.9	85.0	87.2	87.5	88.3	88.5	88.6	88.8	88.9	88.9	89.0	89.1	89.1	89.2
GE 1200	71.8	78.3	83.1	86.4	88.7	89.1	89.9	90.1	90.2	90.4	90.5	90.5	90.6	90.6	90.7	90.8
GE 1000	72.4	79.1	84.2	87.6	90.2	90.6	91.5	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.3	92.4
GE 900	72.7	79.6	84.8	88.4	91.0	91.5	92.3	92.6	92.6	92.8	92.9	93.0	93.1	93.1	93.2	93.3
GE 800	73.2	80.2	85.6	89.4	92.2	92.7	93.6	94.0	94.0	94.2	94.3	94.4	94.5	94.5	94.6	94.7
GE 700	73.4	80.6	86.1	90.0	92.9	93.4	94.4	94.7	94.8	95.0	95.1	95.2	95.3	95.3	95.4	95.5
GE 600	73.5	80.8	86.5	90.5	93.9	94.4	95.5	96.0	96.0	96.3	96.4	96.4	96.5	96.6	96.6	96.7
GE 500	73.6	81.0	86.8	90.9	94.6	95.2	96.4	96.9	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.8
GE 400	73.7	81.1	86.9	91.1	95.0	95.7	97.0	97.6	97.8	98.0	98.1	98.2	98.3	98.3	98.4	98.5
GE 300	73.7	81.1	87.0	91.2	95.2	95.9	97.4	98.2	98.3	98.7	98.9	98.9	99.1	99.2	99.2	99.4
GE 200	73.7	81.1	87.0	91.2	95.2	96.0	97.5	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.8
GE 100	73.7	81.1	87.0	91.2	95.2	96.0	97.5	98.3	98.5	98.9	99.1	99.2	99.6	99.6	99.8	100.0
GE 000	73.7	81.1	87.0	91.2	95.2	96.0	97.5	98.3	98.5	98.9	99.1	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.9	55.2	58.0	59.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.4	60.6
20000	54.8	58.3	61.2	62.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.1
18000	54.8	58.3	61.2	62.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.1
16000	54.8	58.3	61.2	62.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.1
14000	54.8	58.3	61.2	62.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.1
12000	55.1	58.7	61.9	62.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.7	64.8
10000	57.7	61.2	64.8	65.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6	67.7
9000	57.7	61.2	64.8	65.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6	67.7
8000	59.7	63.3	67.0	68.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.1	70.2
7000	60.4	64.1	67.8	69.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.1
6000	61.2	64.9	68.6	69.8	71.6	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.2	72.3
5000	63.4	67.1	71.0	72.2	74.0	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.7	74.8
4500	65.1	69.3	73.2	74.7	76.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.1	77.2
4000	66.1	70.4	74.3	75.8	77.6	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.3
3500	67.0	71.3	75.2	76.7	78.7	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.3	79.4
3000	69.0	73.6	77.7	79.9	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.6	82.7
2500	70.2	74.9	79.2	81.2	83.4	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.3	84.4
2000	72.3	77.3	81.8	84.0	86.6	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.6
1800	73.1	78.1	82.6	84.8	87.3	87.3	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.2	88.3
1500	74.4	79.7	84.4	86.7	89.4	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3	90.4
1200	75.6	80.8	85.8	88.3	91.1	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.0	92.1
1000	76.4	81.7	86.8	89.7	92.9	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.9
900	76.4	81.7	86.9	89.8	93.0	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	94.0
800	76.8	82.0	87.3	90.3	93.8	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.7	94.8
700	77.4	82.9	88.2	91.6	95.0	95.0	96.2	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.7	96.8
600	78.0	83.4	89.0	92.4	96.2	96.2	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.2
500	78.0	83.6	89.1	92.6	96.4	96.4	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.6
400	78.0	83.6	89.2	92.7	96.6	96.6	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
300	78.0	83.6	89.3	92.8	96.7	96.7	98.1	98.6	98.6	98.7	98.7	98.7	99.1	99.1	99.2	99.3
200	78.0	83.6	89.3	92.9	96.8	96.8	98.3	99.0	99.0	99.1	99.2	99.2	99.7	99.7	99.8	99.9
100	78.0	83.6	89.3	92.9	96.8	96.8	98.3	99.0	99.0	99.1	99.2	99.2	99.7	99.7	99.8	100.0
000	78.0	83.6	89.3	92.9	96.8	96.8	98.3	99.0	99.0	99.1	99.2	99.2	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	47.2	50.3	51.7	53.2	53.4	53.9	54.2	54.2	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 20000	46.3	50.1	53.3	54.7	56.2	56.4	57.0	57.3	57.3	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 18000	46.3	50.1	53.3	54.7	56.2	56.4	57.0	57.3	57.3	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 16000	46.3	50.1	53.3	54.7	56.2	56.4	57.0	57.3	57.3	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 14000	46.4	50.2	53.4	54.8	56.3	56.6	57.1	57.4	57.4	58.2	58.2	58.2	58.3	58.3	58.3	58.3
GE 12000	46.7	50.7	54.2	55.6	57.1	57.3	57.9	58.2	58.2	59.0	59.0	59.0	59.1	59.1	59.1	59.1
GE 10000	48.7	52.9	56.7	58.2	59.9	60.1	60.7	61.0	61.0	61.8	61.8	61.8	61.9	61.9	61.9	61.9
GE 9000	49.0	53.2	57.0	58.6	60.2	60.4	61.0	61.3	61.3	62.1	62.1	62.1	62.2	62.2	62.2	62.2
GE 8000	50.2	54.6	58.4	60.3	62.0	62.2	62.8	63.1	63.1	63.9	63.9	63.9	64.1	64.1	64.1	64.2
GE 7000	51.1	55.6	59.6	61.4	63.1	63.3	63.9	64.2	64.2	65.0	65.0	65.0	65.2	65.2	65.2	65.3
GE 6000	52.0	56.4	60.4	62.3	64.0	64.2	64.8	65.1	65.1	65.9	65.9	65.9	66.1	66.1	66.1	66.2
GE 5000	54.1	58.7	62.9	64.8	66.4	66.7	67.2	67.6	67.6	68.3	68.3	68.3	68.6	68.6	68.6	68.7
GE 4500	55.3	60.1	64.4	66.4	68.2	68.4	69.0	69.3	69.3	70.1	70.1	70.1	70.3	70.3	70.3	70.4
GE 4000	55.8	61.1	65.6	67.6	69.3	69.6	70.1	70.4	70.4	71.2	71.2	71.2	71.4	71.4	71.4	71.6
GE 3500	57.9	63.4	68.0	70.1	71.9	72.1	72.7	73.0	73.0	73.8	73.8	73.8	74.0	74.0	74.0	74.1
GE 3000	59.8	65.4	70.4	72.7	74.6	74.8	75.4	75.8	75.8	76.6	76.6	76.6	76.8	76.8	76.8	76.9
GE 2500	60.4	66.4	71.7	73.9	75.8	76.0	76.7	77.0	77.0	77.8	77.8	77.8	78.0	78.0	78.0	78.1
GE 2000	62.6	69.1	74.8	77.1	79.0	79.2	79.9	80.2	80.2	81.0	81.0	81.0	81.2	81.2	81.2	81.3
GE 1800	63.8	70.4	76.2	78.6	80.6	80.8	81.6	81.9	81.9	82.7	82.7	82.7	82.9	82.9	82.9	83.0
GE 1500	65.9	73.1	79.2	81.9	84.0	84.2	85.0	85.3	85.3	86.1	86.1	86.1	86.3	86.3	86.3	86.4
GE 1200	67.0	74.3	80.6	83.4	85.9	86.1	86.9	87.2	87.2	88.0	88.0	88.0	88.2	88.2	88.2	88.3
GE 1000	67.8	75.1	81.7	84.6	87.2	87.4	88.2	88.6	88.6	89.3	89.3	89.3	89.6	89.6	89.6	89.7
GE 900	68.1	75.4	82.0	84.9	87.6	87.8	88.7	89.0	89.0	89.8	89.8	89.8	90.0	90.0	90.0	90.1
GE 800	68.6	75.9	82.4	85.4	88.6	88.9	89.8	90.1	90.1	90.9	90.9	90.9	91.1	91.1	91.1	91.2
GE 700	69.1	76.7	83.2	87.0	90.3	90.7	91.8	92.1	92.1	92.9	92.9	92.9	93.2	93.2	93.2	93.3
GE 600	69.2	77.0	83.9	87.7	91.7	92.3	93.9	94.2	94.2	95.1	95.1	95.1	95.4	95.4	95.4	95.6
GE 500	69.4	77.2	84.2	88.2	92.3	93.0	94.8	95.8	95.8	96.8	96.8	96.8	97.1	97.1	97.1	97.2
GE 400	69.6	77.4	84.4	88.6	92.7	93.4	95.3	96.3	96.3	97.3	97.3	97.3	97.8	97.8	97.8	97.9
GE 300	69.6	77.7	84.8	88.9	93.3	94.1	96.0	97.0	97.0	98.1	98.1	98.1	98.6	98.6	98.6	98.7
GE 200	69.6	77.7	84.8	89.0	93.4	94.3	96.3	97.3	97.3	98.8	98.8	98.8	99.2	99.3	99.4	99.6
GE 100	69.6	77.7	84.8	89.0	93.4	94.3	96.3	97.3	97.3	98.8	98.9	98.9	99.6	99.7	99.8	100.0
GE 000	69.6	77.7	84.8	89.0	93.4	94.3	96.3	97.3	97.3	98.8	98.9	98.9	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	37.4	40.6	42.2	43.4	43.9	44.3	44.7	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.6
20000	34.2	40.1	44.2	46.1	47.3	47.8	48.3	48.8	49.3	49.3	49.4	49.4	49.6	49.6	49.6	49.7
18000	34.2	40.1	44.2	46.1	47.3	47.8	48.3	48.8	49.3	49.3	49.4	49.4	49.6	49.6	49.6	49.7
16000	34.2	40.1	44.2	46.1	47.3	47.8	48.3	48.8	49.3	49.3	49.4	49.4	49.6	49.6	49.6	49.7
14000	34.6	40.4	44.6	46.4	47.7	48.1	48.7	49.1	49.7	49.7	49.8	49.8	49.9	49.9	49.9	50.0
12000	35.1	41.1	45.2	47.1	48.3	48.9	49.4	49.9	50.4	50.4	50.6	50.6	50.7	50.7	50.7	50.8
10000	36.8	42.9	47.0	49.1	50.3	50.9	51.4	51.9	52.4	52.4	52.6	52.6	52.7	52.7	52.7	52.8
9000	37.6	43.7	47.8	49.9	51.1	51.7	52.2	52.7	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.6
8000	39.2	45.6	49.8	52.0	53.2	54.1	54.7	55.1	55.7	55.7	55.9	55.9	56.0	56.0	56.0	56.1
7000	40.7	47.0	51.6	53.8	55.0	55.9	56.4	56.9	57.4	57.4	57.7	57.7	57.8	57.8	57.8	57.9
6000	41.6	47.9	52.4	54.7	55.9	56.8	57.3	57.8	58.3	58.3	58.6	58.6	58.7	58.7	58.7	58.8
5000	43.6	50.1	54.9	57.2	58.7	59.6	60.1	60.6	61.1	61.1	61.3	61.3	61.4	61.4	61.4	61.6
4500	44.3	51.0	55.8	58.4	59.9	60.8	61.3	61.8	62.3	62.3	62.6	62.6	62.7	62.7	62.7	62.8
4000	45.1	52.1	57.0	59.9	61.4	62.4	63.0	63.7	64.2	64.2	64.4	64.4	64.6	64.6	64.6	64.7
3500	46.6	53.6	58.4	61.3	62.9	63.9	64.4	65.1	65.7	65.7	65.9	65.9	66.0	66.0	66.0	66.1
3000	48.0	55.2	60.1	63.0	64.6	65.6	66.2	66.9	67.4	67.4	67.8	67.8	67.9	67.9	67.9	68.0
2500	50.1	57.6	62.7	65.8	67.4	68.4	69.1	69.8	70.3	70.3	70.7	70.7	70.8	70.8	70.8	70.9
2000	51.9	59.7	65.4	68.9	70.8	71.9	72.8	73.6	74.1	74.1	74.4	74.4	74.6	74.6	74.6	74.7
1800	52.6	60.4	66.3	69.8	71.7	72.8	73.7	74.4	75.0	75.0	75.3	75.3	75.4	75.4	75.4	75.6
1500	55.1	63.2	69.4	73.0	75.2	76.3	77.6	78.4	79.0	79.0	79.3	79.3	79.4	79.4	79.4	79.6
1200	56.2	65.0	71.4	75.1	77.6	78.7	80.0	81.1	81.7	81.7	82.0	82.0	82.1	82.1	82.1	82.2
1000	56.9	66.4	73.3	77.2	80.0	81.1	82.4	83.8	84.3	84.3	84.7	84.7	84.8	84.8	84.8	84.9
900	57.2	67.0	74.0	78.4	81.3	82.4	83.9	85.2	85.8	85.8	86.1	86.1	86.2	86.2	86.2	86.3
800	58.0	68.1	75.4	80.2	83.2	84.3	86.1	87.4	88.0	88.0	88.3	88.3	88.4	88.4	88.4	88.6
700	58.3	68.9	76.3	81.3	84.7	86.0	87.8	89.2	89.8	89.8	90.1	90.1	90.2	90.2	90.2	90.3
600	58.4	69.6	77.0	82.1	85.8	87.4	89.4	91.1	91.7	91.9	92.2	92.2	92.3	92.3	92.3	92.4
500	58.4	69.6	77.1	82.4	86.7	88.4	90.9	92.9	93.4	93.7	94.0	94.0	94.1	94.1	94.1	94.2
400	58.6	69.7	77.3	82.8	87.1	89.1	92.0	94.0	94.7	95.0	95.4	95.4	95.6	95.6	95.8	95.9
300	58.6	69.8	77.6	83.2	87.7	89.7	92.8	95.0	95.8	96.4	97.0	97.0	97.1	97.1	97.4	97.7
200	58.7	70.0	77.8	83.4	88.0	90.1	93.2	95.4	96.4	97.2	97.9	97.9	98.6	98.8	99.3	99.6
100	58.7	70.0	77.8	83.4	88.0	90.1	93.2	95.4	96.4	97.2	97.9	97.9	98.7	99.1	99.8	100.0
000	58.7	70.0	77.8	83.4	88.0	90.1	93.2	95.4	96.4	97.2	97.9	97.9	98.7	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	43.6	43.9	44.0	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	46.1	49.6	50.2	50.7	51.2	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	46.3	49.8	50.4	50.9	51.4	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 16000	46.3	49.8	50.4	50.9	51.4	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	46.7	50.1	50.8	51.3	51.9	51.9	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 12000	48.4	52.0	52.7	53.2	53.8	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	50.6	54.3	55.2	55.8	56.3	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 9000	50.8	54.6	55.4	56.0	56.6	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 8000	52.7	56.4	57.3	58.0	58.6	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 7000	53.4	57.4	58.3	59.0	59.6	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	55.0	59.1	60.0	60.7	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 5000	57.4	61.8	62.8	63.6	64.1	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4500	58.2	62.6	63.6	64.3	64.9	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	59.2	63.6	64.7	65.8	66.3	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500	59.7	64.0	65.1	66.2	66.8	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3000	61.9	66.2	67.4	68.6	69.2	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2500	63.9	68.3	69.7	70.9	71.6	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2000	66.6	71.2	72.7	74.0	74.8	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1800	67.9	72.8	74.2	75.6	76.3	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	70.4	76.2	78.1	79.7	80.6	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	72.2	78.3	80.9	82.9	83.9	84.2	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	72.9	79.7	82.4	84.9	85.9	86.3	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	73.3	80.4	83.4	86.1	87.2	87.7	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	74.6	81.8	85.1	88.6	89.8	90.3	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	74.9	82.7	86.3	89.9	91.1	92.0	92.7	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	75.3	83.2	87.1	90.7	92.6	93.8	94.9	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	75.3	83.2	87.2	91.0	93.1	94.3	95.6	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	75.3	83.2	87.2	91.2	93.9	95.1	96.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	75.3	83.2	87.2	91.3	94.1	95.4	97.1	98.4	98.7	98.9	99.0	99.0	99.1	99.3	99.4	99.4
GE 200	75.3	83.2	87.2	91.3	94.1	95.4	97.1	98.4	98.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0
GE 100	75.3	83.2	87.2	91.3	94.1	95.4	97.1	98.4	98.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0
GE 000	75.3	83.2	87.2	91.3	94.1	95.4	97.1	98.4	98.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	56.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	57.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	57.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	57.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	57.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	59.8	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	60.2	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	62.8	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	63.3	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	64.6	66.0	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	66.6	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	67.1	68.8	69.2	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4000	68.2	69.9	70.3	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500	69.3	71.2	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3000	72.8	74.7	75.1	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	76.2	78.7	79.1	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	80.4	83.8	84.6	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	81.8	85.1	86.1	86.4	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	82.9	86.3	87.7	88.3	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	84.0	87.6	89.2	90.3	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	84.9	88.4	90.6	91.9	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	85.2	89.1	91.4	92.9	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	86.1	90.1	92.9	94.3	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	86.2	90.1	93.3	95.0	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	86.4	90.7	93.7	95.6	97.0	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	86.4	90.7	93.7	95.9	97.4	98.0	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	86.4	90.7	93.7	95.9	97.7	98.2	98.4	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	86.4	90.7	93.7	95.9	97.8	98.3	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	86.4	90.7	93.7	95.9	97.8	98.3	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.4	90.7	93.7	95.9	97.8	98.3	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.4	90.7	93.7	95.9	97.8	98.3	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	63.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	63.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	63.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	64.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	65.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	67.8	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	67.9	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	69.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	71.2	73.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	72.4	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	73.9	76.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4500	74.0	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	75.1	78.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	76.2	79.2	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	79.6	82.6	82.9	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	82.2	85.3	86.0	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	84.4	88.0	88.8	89.3	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	85.2	88.8	89.6	90.1	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	86.0	89.7	90.6	91.1	92.1	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	86.6	90.3	91.3	91.9	92.9	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	87.1	91.0	92.1	92.8	93.8	94.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	87.4	91.4	92.6	93.3	94.4	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	87.7	91.8	92.9	93.8	95.0	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	87.8	92.0	93.1	94.1	95.7	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	87.8	92.1	93.3	94.6	96.4	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	87.8	92.1	93.4	94.7	96.6	97.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	87.8	92.1	93.4	94.8	96.7	97.8	99.0	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	87.8	92.1	93.4	94.8	96.7	97.8	99.0	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.8	92.1	93.4	94.8	96.7	97.8	99.0	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.8	92.1	93.4	94.8	96.7	97.8	99.0	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.8	92.1	93.4	94.8	96.7	97.8	99.0	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	56.7	57.1	57.3	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	62.8	64.2	64.8	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	62.8	64.2	64.8	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	63.0	64.4	65.0	65.2	65.4	65.4	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	63.4	64.9	65.4	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	64.4	65.9	66.4	66.7	66.9	66.9	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	66.6	68.0	68.7	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	66.6	68.0	68.7	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	70.1	71.7	72.6	72.9	73.2	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	71.3	73.0	73.9	74.2	74.7	74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	71.9	73.7	74.6	74.9	75.4	75.4	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	73.3	75.1	76.1	76.6	77.1	77.1	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	75.1	77.0	78.1	78.6	79.1	79.1	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 4000	76.0	78.1	79.2	79.8	80.3	80.3	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	76.4	78.8	79.9	80.9	81.6	81.6	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	78.8	81.3	82.7	83.9	84.0	84.8	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	80.7	83.4	84.9	86.2	87.4	87.4	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	81.9	85.3	87.0	88.3	89.7	89.8	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	81.9	85.3	87.1	88.6	89.9	90.0	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	82.4	85.9	87.9	89.8	91.4	91.6	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	83.7	87.1	89.1	91.0	93.0	93.1	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	84.1	87.7	89.7	91.6	93.9	94.2	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	84.3	87.9	89.9	91.8	94.3	94.8	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	84.9	88.4	90.7	92.6	95.1	95.7	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	85.0	88.6	90.8	92.7	95.8	96.3	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	85.4	89.1	91.4	93.3	96.8	97.3	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	85.4	89.2	91.6	93.4	96.9	97.4	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	85.4	89.2	91.6	93.4	97.0	97.6	98.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	85.4	89.2	91.6	93.4	97.1	97.7	98.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.4	89.2	91.6	93.4	97.1	97.7	98.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.4	89.2	91.6	93.4	97.1	97.7	98.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.4	89.2	91.6	93.4	97.1	97.7	98.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 97

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.2	56.2	57.1	57.4	57.4	57.7	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.2
GE 20000	60.6	63.0	64.0	64.4	64.6	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.3
GE 18000	60.6	63.0	64.0	64.4	64.6	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.3
GE 16000	60.6	63.0	64.0	64.4	64.6	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.3
GE 14000	60.9	63.3	64.3	64.8	64.9	65.1	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.7
GE 12000	61.9	64.3	65.6	66.1	66.2	66.4	66.4	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	67.0
GE 10000	63.7	66.1	67.3	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.9
GE 9000	63.7	66.1	67.3	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.9
GE 8000	66.9	69.4	70.8	71.3	71.4	71.7	71.7	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.3
GE 7000	67.6	70.1	71.4	72.0	72.1	72.4	72.6	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.2
GE 6000	67.8	70.3	71.7	72.3	72.4	72.8	73.1	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.8
GE 5000	69.7	72.2	73.6	74.2	74.3	74.7	75.1	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.8
GE 4500	71.7	74.4	75.9	76.6	76.7	77.0	77.4	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	78.1
GE 4000	73.1	76.1	77.6	78.2	78.3	78.7	79.1	79.2	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.8
GE 3500	73.3	76.7	78.1	79.1	79.3	79.7	80.3	80.4	80.4	80.4	80.8	80.8	80.8	80.8	80.8	81.0
GE 3000	75.8	80.0	81.7	83.0	83.2	83.6	84.2	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	85.0
GE 2500	76.8	81.1	82.9	84.2	84.4	84.9	85.7	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.4
GE 2000	78.0	82.7	84.7	86.0	86.3	86.9	87.7	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.6
GE 1800	78.2	83.0	85.0	86.4	86.9	87.4	88.2	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	89.1
GE 1500	79.7	84.7	87.0	89.0	89.4	90.0	90.9	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.8
GE 1200	81.0	86.1	88.7	90.7	91.3	92.0	92.9	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.8
GE 1000	81.7	86.9	89.4	91.7	92.6	93.2	94.1	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	95.0
GE 900	81.8	87.0	89.6	91.8	92.8	93.6	94.7	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.6
GE 800	81.9	87.1	89.8	92.0	93.1	93.9	95.0	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.9
GE 700	82.0	87.2	90.0	92.2	93.3	94.1	95.6	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.6
GE 600	82.2	87.4	91.0	93.4	94.7	95.4	96.9	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.1
GE 500	82.3	87.7	91.2	93.7	95.2	96.0	97.4	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.7
GE 400	82.3	87.7	91.2	93.7	95.9	96.7	98.1	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.3
GE 300	82.3	87.7	91.2	93.7	96.1	96.9	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.6
GE 200	82.3	87.7	91.2	93.7	96.1	96.9	98.4	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	100.0
GE 100	82.3	87.7	91.2	93.7	96.1	96.9	98.4	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	100.0
GE 000	82.3	87.7	91.2	93.7	96.1	96.9	98.4	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	49.7	51.0	51.6	52.2	52.3	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9
GE 20000	53.1	56.0	57.5	58.2	58.9	59.0	59.1	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.6	59.6
GE 18000	53.2	56.0	57.6	58.3	58.9	59.0	59.2	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.7
GE 16000	53.3	56.1	57.7	58.4	59.0	59.1	59.3	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.8
GE 14000	53.5	56.4	58.0	58.7	59.3	59.4	59.6	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1
GE 12000	54.5	57.4	59.1	59.8	60.5	60.6	60.8	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2
GE 10000	56.4	59.4	61.3	62.1	62.7	62.8	63.0	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5
GE 9000	56.7	59.7	61.5	62.3	63.0	63.1	63.3	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 8000	58.9	62.1	64.1	65.0	65.7	65.8	66.0	66.2	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6
GE 7000	59.9	63.2	65.2	66.1	66.8	67.0	67.2	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7
GE 6000	60.8	64.1	66.2	67.1	67.8	68.0	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8
GE 5000	62.8	66.2	68.3	69.3	70.0	70.3	70.5	70.7	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.1
GE 4500	63.9	67.5	69.7	70.7	71.5	71.7	72.0	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.6
GE 4000	64.8	68.7	70.9	72.0	72.8	73.1	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9
GE 3500	65.8	69.8	72.0	73.3	74.1	74.4	74.7	74.9	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.3
GE 3000	68.2	72.4	74.8	76.2	77.2	77.4	77.7	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3
GE 2500	70.1	74.5	77.0	78.5	79.6	79.8	80.2	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8
GE 2000	72.3	77.1	80.0	81.6	82.8	83.1	83.6	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.2	84.2
GE 1800	73.1	78.0	80.9	82.5	83.8	84.1	84.6	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.2
GE 1500	74.6	79.8	83.0	84.9	86.3	86.7	87.3	87.5	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9
GE 1200	75.8	81.2	84.6	86.7	88.3	88.7	89.3	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0
GE 1000	76.5	82.1	85.8	88.0	89.9	90.3	91.0	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
GE 900	76.7	82.5	86.2	88.6	90.6	91.0	91.8	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.5
GE 800	77.3	83.2	87.1	89.7	91.8	92.3	93.0	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8
GE 700	77.6	83.7	87.7	90.5	92.8	93.4	94.4	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.3
GE 600	77.9	84.1	88.3	91.2	93.9	94.7	95.9	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 500	77.9	84.2	88.4	91.5	94.3	95.2	96.5	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8
GE 400	77.9	84.2	88.5	91.6	94.7	95.6	97.0	97.9	98.0	98.3	98.4	98.4	98.5	98.5	98.6	98.6
GE 300	77.9	84.2	88.6	91.8	94.9	95.8	97.3	98.3	98.5	98.8	99.0	99.0	99.1	99.1	99.2	99.3
GE 200	77.9	84.3	88.6	91.8	95.0	95.9	97.5	98.4	98.7	99.1	99.3	99.4	99.6	99.7	99.8	99.9
GE 100	77.9	84.3	88.6	91.8	95.0	95.9	97.5	98.4	98.7	99.1	99.4	99.4	99.6	99.7	99.9	100.0
GE 000	77.9	84.3	88.6	91.8	95.0	95.9	97.5	98.4	98.7	99.1	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	44.2	45.2	46.3	47.3	47.3	47.5	47.6	47.6	47.8	48.0	48.0	48.0	48.1	48.3	48.3
GE 20000	47.2	48.6	49.6	50.7	51.6	51.6	51.9	52.0	52.0	52.2	52.4	52.4	52.4	52.5	52.6	52.6
GE 18000	47.2	48.6	49.6	50.7	51.6	51.6	51.9	52.0	52.0	52.2	52.4	52.4	52.4	52.5	52.6	52.6
GE 16000	47.2	48.6	49.6	50.7	51.6	51.6	51.9	52.0	52.0	52.2	52.4	52.4	52.4	52.5	52.6	52.6
GE 14000	47.4	48.8	49.8	51.1	52.2	52.2	52.4	52.5	52.5	52.7	52.9	52.9	52.9	53.1	53.2	53.2
GE 12000	48.0	49.5	50.4	51.7	52.8	52.8	53.1	53.2	53.2	53.4	53.6	53.6	53.6	53.7	53.8	53.8
GE 10000	50.1	52.0	53.1	54.4	55.5	55.5	55.7	55.8	55.8	56.0	56.2	56.2	56.2	56.3	56.4	56.4
GE 9000	50.4	52.3	53.5	54.9	56.0	56.0	56.2	56.3	56.3	56.6	56.8	56.8	56.8	56.9	57.0	57.0
GE 8000	52.7	54.8	56.0	57.6	58.7	58.7	59.0	59.1	59.1	59.3	59.5	59.5	59.5	59.6	59.7	59.7
GE 7000	53.8	56.0	57.2	58.8	59.9	59.9	60.2	60.3	60.3	60.5	60.7	60.7	60.7	60.8	60.9	60.9
GE 6000	54.8	57.2	58.5	60.2	61.2	61.2	61.5	61.6	61.6	61.8	62.0	62.0	62.0	62.1	62.2	62.2
GE 5000	57.6	60.2	61.5	63.2	64.3	64.3	64.5	64.6	64.6	64.8	65.1	65.1	65.1	65.2	65.3	65.3
GE 4500	60.0	62.6	63.9	65.7	66.8	66.8	67.0	67.2	67.2	67.5	67.7	67.7	67.7	67.8	67.9	67.9
GE 4000	61.2	63.9	65.5	67.4	68.4	68.4	68.7	68.9	68.9	69.1	69.3	69.3	69.3	69.4	69.5	69.5
GE 3500	62.9	65.8	67.5	69.3	70.5	70.5	70.7	71.0	71.0	71.2	71.4	71.4	71.4	71.5	71.6	71.6
GE 3000	65.2	68.8	70.9	72.7	73.9	73.9	74.1	74.3	74.3	74.6	74.8	74.8	74.8	74.9	75.0	75.0
GE 2500	67.4	71.2	73.4	75.5	76.9	76.9	77.1	77.3	77.3	77.5	77.7	77.7	77.7	77.8	77.9	77.9
GE 2000	69.7	73.6	76.0	78.4	79.7	79.7	80.0	80.3	80.3	80.6	80.9	80.9	80.9	81.0	81.1	81.1
GE 1800	70.6	74.7	77.2	79.6	80.9	80.9	81.2	81.6	81.6	81.8	82.1	82.1	82.1	82.2	82.3	82.3
GE 1500	73.5	77.6	80.3	83.0	84.3	84.3	84.6	84.9	84.9	85.2	85.5	85.5	85.5	85.6	85.7	85.7
GE 1200	74.6	79.0	82.2	84.8	86.2	86.2	86.6	86.9	86.9	87.1	87.4	87.4	87.4	87.6	87.7	87.7
GE 1000	75.8	80.5	83.6	86.5	88.0	88.0	88.4	88.8	88.8	89.0	89.3	89.3	89.3	89.4	89.5	89.5
GE 900	76.0	80.9	84.2	87.0	88.6	88.6	89.4	89.7	89.7	90.0	90.3	90.3	90.3	90.4	90.5	90.5
GE 800	76.4	81.3	84.7	87.9	89.7	89.7	90.7	91.0	91.0	91.3	91.6	91.6	91.6	91.7	91.8	91.8
GE 700	76.7	81.7	85.2	88.4	90.5	90.6	91.6	91.9	91.9	92.1	92.5	92.5	92.5	92.6	92.7	92.7
GE 600	76.9	81.8	85.4	89.1	91.4	91.5	92.7	93.0	93.0	93.2	93.6	93.6	93.6	93.7	93.8	93.8
GE 500	77.2	82.3	86.1	90.1	92.8	92.9	94.2	94.5	94.5	94.8	95.1	95.1	95.1	95.2	95.3	95.3
GE 400	77.2	82.4	86.5	90.4	93.6	93.8	95.9	96.2	96.2	96.5	96.8	96.8	96.8	96.9	97.1	97.1
GE 300	77.2	82.4	86.5	90.5	93.7	94.0	96.3	96.6	96.7	97.2	97.5	97.5	97.6	97.7	97.8	97.8
GE 200	77.2	82.4	86.6	90.6	93.8	94.1	97.1	97.9	98.0	98.6	99.0	99.0	99.0	99.2	99.3	99.6
GE 100	77.2	82.4	86.6	90.6	93.8	94.1	97.1	97.9	98.0	98.6	99.0	99.0	99.3	99.5	99.6	99.7
GE 000	77.2	82.4	86.6	90.6	93.8	94.1	97.1	97.9	98.0	98.6	99.0	99.0	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 916

D - 2 - 100

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.0	41.1	42.3	43.3	43.8	43.8	44.4	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.9	44.9
GE 20000	42.3	44.8	46.1	47.3	47.9	47.9	48.4	48.4	48.4	48.6	48.7	48.7	48.7	48.7	49.0	49.0
GE 18000	42.3	44.8	46.1	47.3	47.9	47.9	48.4	48.4	48.4	48.6	48.7	48.7	48.7	48.7	49.0	49.0
GE 16000	42.3	44.8	46.1	47.3	47.9	47.9	48.4	48.4	48.4	48.6	48.7	48.7	48.7	48.7	49.0	49.0
GE 14000	42.3	44.8	46.1	47.3	47.9	47.9	48.4	48.4	48.4	48.6	48.7	48.7	48.7	48.7	49.0	49.0
GE 12000	42.7	45.2	46.6	47.8	48.3	48.3	48.9	48.9	48.9	49.1	49.2	49.2	49.2	49.2	49.4	49.4
GE 10000	43.8	46.7	48.0	49.2	49.7	49.7	50.3	50.3	50.3	50.5	50.6	50.6	50.6	50.6	50.8	50.8
GE 9000	44.3	47.2	48.6	49.8	50.4	50.4	50.9	50.9	50.9	51.1	51.3	51.3	51.3	51.3	51.5	51.5
GE 8000	46.2	49.3	50.8	52.1	52.7	52.7	53.2	53.2	53.2	53.4	53.6	53.6	53.6	53.6	53.8	53.8
GE 7000	46.9	49.9	51.5	52.9	53.4	53.4	54.0	54.0	54.0	54.2	54.3	54.3	54.3	54.3	54.5	54.5
GE 6000	49.0	52.1	53.7	55.2	55.7	55.7	56.3	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.8	56.8
GE 5000	52.1	55.5	57.4	59.0	59.6	59.6	60.1	60.1	60.1	60.3	60.4	60.4	60.4	60.4	60.7	60.7
GE 4500	54.8	58.5	60.7	62.3	62.8	62.8	63.4	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.9	63.9
GE 4000	56.0	59.9	62.2	63.9	64.5	64.5	65.0	65.0	65.0	65.2	65.4	65.4	65.4	65.4	65.6	65.6
GE 3500	57.3	61.2	63.8	65.6	66.1	66.1	66.7	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.2	67.2
GE 3000	59.6	63.6	66.3	68.4	69.0	69.0	69.6	69.6	69.6	69.8	69.9	69.9	69.9	69.9	70.2	70.2
GE 2500	61.6	65.8	68.9	70.9	71.6	71.6	72.3	72.3	72.3	72.6	72.7	72.7	72.7	72.7	72.9	72.9
GE 2000	64.4	68.7	72.0	74.5	75.2	75.3	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.6	76.6
GE 1800	65.8	70.3	73.6	76.2	76.8	76.8	76.9	77.7	77.7	77.7	77.9	78.0	78.0	78.0	78.3	78.3
GE 1500	68.5	73.6	76.8	79.7	80.3	80.4	81.2	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.7	81.7
GE 1200	69.2	74.9	78.6	81.7	82.6	82.7	83.5	83.5	83.5	83.7	83.8	83.8	83.8	83.8	84.0	84.0
GE 1000	70.5	76.6	80.7	84.3	85.8	85.9	86.8	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.4	87.4
GE 900	70.5	76.7	81.0	84.8	86.8	86.9	87.8	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.4	88.4
GE 800	70.7	77.2	81.5	85.6	87.7	87.8	88.6	88.7	88.7	89.0	89.1	89.1	89.1	89.1	89.3	89.3
GE 700	71.1	77.7	82.2	86.2	88.4	88.5	89.4	89.5	89.5	89.7	89.8	89.8	89.8	89.8	90.1	90.1
GE 600	71.4	77.9	82.5	86.7	89.4	89.5	90.6	90.8	90.8	91.0	91.1	91.1	91.5	91.5	91.7	91.7
GE 500	71.8	78.6	84.4	89.3	92.7	93.0	94.3	94.5	94.5	94.8	94.9	94.9	95.2	95.2	95.4	95.4
GE 400	71.9	78.9	84.7	89.7	93.6	94.1	95.5	95.7	95.7	96.0	96.1	96.1	96.4	96.4	96.6	96.6
GE 300	71.9	78.9	84.7	89.7	93.9	94.4	96.3	96.6	96.6	96.8	96.9	96.9	97.4	97.4	97.6	97.6
GE 200	71.9	78.9	84.7	89.7	94.0	94.5	96.6	97.2	97.2	97.6	97.7	97.7	98.3	98.4	98.6	98.8
GE 100	71.9	78.9	84.7	89.7	94.0	94.5	96.6	97.2	97.3	97.9	98.0	98.0	98.7	98.8	99.1	99.9
GE 000	71.9	78.9	84.7	89.7	94.0	94.5	96.6	97.2	97.3	97.9	98.0	98.0	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.8	38.0	40.9	42.4	42.8	43.0	43.3	43.5	43.5	43.6	43.8	43.8	44.2	44.2	44.6	44.7
GE 20000	37.7	41.5	44.7	46.3	47.0	47.1	47.4	47.8	47.8	47.9	48.1	48.1	48.5	48.5	49.2	49.3
GE 18000	37.7	41.5	44.7	46.3	47.0	47.1	47.4	47.8	47.8	47.9	48.1	48.1	48.5	48.5	49.2	49.3
GE 16000	37.7	41.5	44.7	46.3	47.0	47.1	47.4	47.8	47.8	47.9	48.1	48.1	48.5	48.5	49.2	49.3
GE 14000	38.4	42.2	45.5	47.1	47.8	47.9	48.2	48.5	48.5	48.6	48.9	48.9	49.3	49.3	49.9	50.1
GE 12000	39.0	42.8	46.1	47.8	48.4	48.5	48.9	49.2	49.2	49.3	49.5	49.5	49.9	49.9	50.6	50.7
GE 10000	41.0	45.0	48.4	50.1	50.7	50.8	51.1	51.5	51.5	51.6	51.8	51.8	52.2	52.2	52.9	53.0
GE 9000	41.2	45.4	48.7	50.4	51.0	51.1	51.5	51.8	51.8	51.9	52.1	52.1	52.6	52.6	53.2	53.3
GE 8000	43.3	47.7	51.3	53.2	53.9	54.0	54.4	54.8	54.8	54.9	55.1	55.1	55.5	55.5	56.2	56.3
GE 7000	44.6	49.0	52.8	54.8	55.4	55.5	56.0	56.3	56.3	56.4	56.6	56.6	57.0	57.0	57.7	57.8
GE 6000	46.1	50.6	54.4	56.4	57.0	57.2	57.7	58.1	58.1	58.3	58.5	58.5	58.9	58.9	59.6	59.7
GE 5000	48.9	53.7	58.0	60.0	60.7	60.9	61.6	62.1	62.1	62.2	62.4	62.4	62.8	62.8	63.5	63.6
GE 4500	49.4	54.3	58.9	60.9	61.5	61.7	62.5	63.0	63.0	63.1	63.3	63.3	63.7	63.7	64.4	64.5
GE 4000	50.2	55.5	60.3	62.4	63.1	63.3	64.2	64.6	64.6	64.7	64.9	64.9	65.4	65.4	66.0	66.1
GE 3500	51.4	57.0	62.0	64.0	64.7	64.9	65.8	66.2	66.2	66.3	66.6	66.6	67.0	67.0	67.7	67.8
GE 3000	53.6	59.6	64.6	66.7	67.3	67.5	68.4	68.9	68.9	69.0	69.2	69.2	69.6	69.6	70.3	70.4
GE 2500	55.8	62.4	67.5	69.7	70.4	70.6	71.5	71.9	71.9	72.0	72.2	72.2	72.7	72.7	73.3	73.4
GE 2000	58.9	66.2	71.5	73.8	74.5	74.8	75.7	76.2	76.2	76.3	76.5	76.5	76.9	76.9	77.6	77.7
GE 1800	59.6	67.1	72.3	74.6	75.5	75.7	76.7	77.2	77.2	77.3	77.5	77.5	77.9	77.9	78.6	78.7
GE 1500	62.1	69.7	75.1	77.4	78.3	78.5	79.5	80.0	80.0	80.1	80.3	80.3	80.8	80.8	81.4	81.5
GE 1200	63.3	71.3	77.0	79.5	80.9	81.1	82.3	82.8	82.8	83.1	83.3	83.3	83.7	83.7	84.4	84.5
GE 1000	64.8	72.9	79.1	81.7	83.4	83.6	84.8	85.4	85.4	85.7	85.9	85.9	86.3	86.3	87.0	87.1
GE 900	64.9	73.2	79.7	82.3	84.3	84.5	85.7	86.2	86.2	86.6	86.8	86.8	87.2	87.2	87.9	88.0
GE 800	65.2	73.9	80.9	83.8	86.3	86.6	88.4	89.0	89.0	89.3	89.5	89.5	89.9	89.9	90.6	90.7
GE 700	65.4	74.3	81.5	84.6	87.7	88.0	90.1	90.6	90.6	90.9	91.1	91.1	91.6	91.6	92.2	92.3
GE 600	65.8	75.0	82.2	85.7	89.1	89.5	91.8	92.3	92.3	92.7	92.9	92.9	93.3	93.3	94.0	94.1
GE 500	65.8	75.0	82.2	85.8	89.6	90.2	93.2	94.0	94.0	94.4	94.6	94.6	95.1	95.1	95.7	95.8
GE 400	65.8	75.1	82.5	86.2	90.4	91.0	94.4	95.4	95.4	96.0	96.2	96.2	96.6	96.6	97.3	97.4
GE 300	65.9	75.2	82.6	86.3	90.9	91.7	95.5	96.6	96.6	97.3	97.5	97.5	97.9	98.0	98.7	98.8
GE 200	65.9	75.2	82.6	86.3	91.0	91.8	95.6	96.8	97.0	97.7	98.0	98.0	98.8	99.1	99.8	99.9
GE 100	65.9	75.2	82.6	86.3	91.0	91.8	95.6	96.8	97.0	97.8	98.1	98.1	98.9	99.2	99.9	100.0
GE 000	65.9	75.2	82.6	86.3	91.0	91.8	95.6	96.8	97.0	97.8	98.1	98.1	98.9	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"
IAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
CEIL	39.7	41.0	41.9	41.9	42.0	42.0	42.2	42.2	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5
20000	45.5	46.8	47.7	47.7	47.8	47.8	48.0	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.4
18000	45.7	47.0	47.9	47.9	48.0	48.0	48.2	48.2	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.6
16000	45.7	47.0	47.9	47.9	48.0	48.0	48.2	48.2	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.6
14000	47.2	48.5	49.3	49.5	49.6	49.6	49.8	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.1
12000	48.2	49.6	50.5	50.8	50.9	50.9	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4
10000	50.4	51.9	53.0	53.2	53.3	53.3	53.5	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.8
9000	51.0	52.4	53.5	53.7	53.8	53.8	54.0	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4
8000	53.9	55.6	56.7	57.0	57.1	57.1	57.3	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.8
7000	54.8	56.5	57.5	58.0	58.2	58.2	58.4	58.5	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.9
6000	55.9	57.7	58.9	59.3	59.5	59.5	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5
5000	59.1	61.3	62.5	62.9	63.1	63.1	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1
4500	60.1	62.3	63.5	63.9	64.2	64.2	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2
4000	61.3	63.8	65.1	65.6	66.0	66.0	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	67.0
3500	62.3	64.9	66.2	66.7	67.1	67.1	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.1
3000	64.0	66.6	68.1	68.6	68.9	68.9	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9
2500	66.8	69.7	71.2	71.8	72.1	72.1	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1
2000	70.8	73.9	75.4	75.9	76.5	76.6	77.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6
1800	71.1	74.2	75.7	76.3	76.8	76.9	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0
1500	73.5	77.1	78.9	79.8	80.4	80.6	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7
1200	74.7	78.3	80.5	81.4	82.4	82.6	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.8
1000	75.8	80.0	82.7	83.9	85.0	85.2	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.7
900	76.6	81.0	84.2	85.6	86.7	86.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3
800	77.1	81.8	85.4	87.1	88.6	88.8	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8
700	77.5	82.6	86.4	88.4	90.3	90.5	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8
600	77.7	82.9	87.0	89.2	91.4	91.6	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
500	77.8	83.4	87.5	90.0	92.6	93.1	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3
400	77.8	83.4	87.5	90.0	92.7	93.2	96.0	96.2	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.8
300	77.8	83.4	87.6	90.3	93.1	93.7	97.0	97.8	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.3
200	77.8	83.4	87.6	90.3	93.2	94.0	97.4	98.4	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0
100	77.8	83.4	87.6	90.3	93.2	94.0	97.4	98.4	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0
000	77.8	83.4	87.6	90.3	93.2	94.0	97.4	98.4	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 20000	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	50.9	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 16000	51.1	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 14000	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	52.4	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	55.8	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 9000	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 8000	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 7000	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 5000	66.0	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	66.8	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4000	67.7	68.4	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	68.4	69.2	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3000	70.4	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2500	74.6	75.8	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2000	78.2	79.6	79.8	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	78.6	80.0	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	80.6	82.2	82.6	82.9	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1200	82.6	85.2	85.9	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	83.3	87.4	88.3	89.0	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	83.9	88.3	89.1	90.0	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	84.3	88.9	89.9	91.0	91.9	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	84.5	89.3	90.5	91.7	92.8	93.2	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	84.5	89.6	91.1	92.5	93.9	94.3	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	84.8	89.9	91.7	93.4	94.8	95.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	84.8	89.9	91.7	93.5	95.6	96.2	97.5	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0
GE 300	84.8	90.0	91.9	93.8	95.8	96.5	98.2	99.0	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6
GE 200	84.8	90.0	91.9	93.8	95.8	96.6	98.4	99.2	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	84.8	90.0	91.9	93.8	95.8	96.6	98.4	99.2	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	84.8	90.0	91.9	93.8	95.8	96.6	98.4	99.2	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
AFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
CEIL	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
20000	52.7	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
18000	53.1	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
16000	53.1	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
14000	53.8	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
12000	54.8	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
10000	57.1	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
9000	58.9	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
8000	62.6	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
7000	64.5	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
6000	65.5	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
5000	69.4	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
4500	70.8	71.6	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
4000	71.9	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
3500	73.4	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
3000	74.9	76.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
2500	78.6	79.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2000	80.7	82.1	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
1800	81.0	82.5	84.0	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1500	82.5	84.2	85.9	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
1200	83.4	86.0	87.9	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
1000	84.1	87.3	89.6	90.1	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
900	84.2	87.5	89.8	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
800	84.6	88.0	90.5	91.2	92.0	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
700	84.9	88.7	91.4	92.4	93.6	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
600	85.0	89.1	92.1	93.4	94.8	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
500	85.2	89.4	92.4	94.5	95.9	96.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
400	85.4	89.6	92.8	95.0	96.5	96.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	85.4	89.6	92.9	95.1	96.7	97.3	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
200	85.4	89.6	92.9	95.2	96.8	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	85.4	89.6	92.9	95.2	96.8	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
000	85.4	89.6	92.9	95.2	96.8	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	48.5	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	53.5	54.5	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	53.5	54.5	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	53.5	54.5	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	54.3	55.3	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	55.4	56.4	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	57.5	58.7	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	59.0	60.2	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	62.3	63.7	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	63.2	64.6	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	63.8	65.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	66.8	68.5	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	69.6	71.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4000	70.9	72.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	72.4	74.3	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	75.2	77.4	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	77.5	79.8	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
GE 2000	79.3	81.9	83.8	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 1800	79.3	82.0	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8
GE 1500	81.0	84.0	87.0	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 1200	81.8	85.3	88.4	88.8	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 1000	82.8	86.7	90.5	90.9	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 900	82.8	87.0	90.7	91.1	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 800	82.8	87.3	91.1	91.7	92.7	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
GE 700	82.8	87.4	91.6	92.1	93.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 600	82.8	87.5	91.7	92.5	93.9	94.8	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 500	83.1	87.9	92.3	93.3	95.2	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 400	83.1	88.0	92.4	93.5	95.4	96.6	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 300	83.1	88.0	92.4	93.5	95.9	97.3	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 200	83.1	88.0	92.4	93.5	95.9	97.3	98.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	83.1	88.0	92.4	93.5	95.9	97.3	98.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	83.1	88.0	92.4	93.5	95.9	97.3	98.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
CEIL	47.6	47.9	49.3	50.2	50.3	50.3	50.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8
20000	52.3	53.2	54.6	55.5	55.6	55.6	55.8	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1
18000	52.3	53.2	54.6	55.5	55.6	55.6	55.8	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1
16000	52.3	53.2	54.6	55.5	55.6	55.6	55.8	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1
14000	52.7	53.6	55.0	55.9	56.0	56.0	56.3	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6
12000	53.6	54.5	55.9	56.8	56.9	56.9	57.1	57.2	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5
10000	55.8	56.7	58.2	59.1	59.2	59.2	59.4	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8
9000	56.8	57.7	59.2	60.1	60.2	60.2	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7
8000	59.8	60.7	62.3	63.3	63.4	63.4	63.6	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9
7000	60.7	61.8	63.4	64.4	64.5	64.5	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0
6000	61.6	63.0	64.7	65.7	65.8	65.8	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3
5000	64.9	66.9	68.5	69.5	69.6	69.6	69.8	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2
4500	67.7	69.8	71.5	72.5	72.6	72.6	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1
4000	69.2	71.4	73.4	74.3	74.5	74.5	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0
3500	70.1	72.3	74.3	75.3	75.4	75.4	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0
3000	72.7	75.2	77.5	78.5	78.6	78.6	78.8	78.9	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2
2500	74.3	77.0	79.4	80.5	80.6	80.6	80.8	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3
2000	76.4	79.3	81.9	83.1	83.2	83.2	83.6	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0
1800	76.8	79.7	82.3	83.6	83.7	83.7	84.0	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4
1500	78.3	81.5	84.5	85.7	86.0	86.0	86.3	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
1200	79.3	83.0	86.6	87.8	88.3	88.3	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
1000	80.2	84.0	87.6	89.1	90.0	90.2	90.7	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
900	80.3	84.2	87.9	89.5	90.4	90.6	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4
800	80.6	84.5	88.4	89.9	90.9	91.2	91.8	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4
700	80.8	84.9	88.7	90.2	91.4	92.0	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
600	80.8	85.0	88.9	90.5	91.8	92.4	93.5	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
500	81.0	85.2	89.4	91.3	93.2	93.9	95.5	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
400	81.0	85.3	89.5	91.4	93.5	94.5	96.6	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
300	81.0	85.3	89.6	91.6	93.6	94.7	96.8	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
200	81.0	85.3	89.6	91.7	94.0	95.1	97.1	98.1	98.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1
100	81.0	85.3	89.6	91.7	94.0	95.1	97.1	98.1	98.5	98.8	99.3	99.3	99.6	99.6	99.8	99.8
000	81.0	85.3	89.6	91.7	94.0	95.1	97.1	98.1	98.5	98.8	99.3	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	43.6	44.6	45.2	45.5	45.5	45.7	45.7	45.8	45.8	45.9	45.9	46.0	46.0	46.1	46.1
GE 20000	47.7	49.2	50.3	50.9	51.2	51.2	51.4	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.8	51.9
GE 18000	47.8	49.3	50.4	51.0	51.3	51.3	51.5	51.6	51.6	51.7	51.8	51.8	51.8	51.8	52.0	52.0
GE 16000	47.9	49.3	50.4	51.0	51.3	51.3	51.5	51.6	51.6	51.7	51.8	51.8	51.8	51.9	52.0	52.0
GE 14000	48.5	49.9	51.0	51.7	52.0	52.0	52.2	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.7	52.7
GE 12000	49.3	50.7	51.8	52.5	52.8	52.9	53.1	53.1	53.1	53.2	53.3	53.3	53.4	53.4	53.5	53.5
GE 10000	51.4	53.1	54.3	54.9	55.3	55.3	55.5	55.5	55.5	55.6	55.7	55.7	55.8	55.8	55.9	55.9
GE 9000	52.2	53.9	55.1	55.8	56.1	56.1	56.3	56.4	56.4	56.5	56.6	56.6	56.6	56.7	56.8	56.8
GE 8000	55.1	56.9	58.2	59.0	59.4	59.4	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	60.0	60.1
GE 7000	56.2	58.1	59.4	60.2	60.6	60.6	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.3	61.3
GE 6000	57.5	59.5	60.9	61.8	62.1	62.1	62.4	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.8	62.9
GE 5000	60.6	62.8	64.4	65.3	65.6	65.6	65.9	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.4
GE 4500	62.4	64.7	66.3	67.2	67.6	67.6	67.9	68.0	68.0	68.1	68.2	68.2	68.3	68.3	68.4	68.4
GE 4000	63.5	66.1	67.8	68.8	69.2	69.2	69.5	69.6	69.6	69.7	69.8	69.8	69.8	69.9	70.0	70.0
GE 3500	64.7	67.4	69.3	70.2	70.6	70.6	70.9	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.4	71.5
GE 3000	66.9	69.8	71.8	72.8	73.2	73.2	73.6	73.7	73.7	73.8	73.9	73.9	73.9	73.9	74.1	74.1
GE 2500	69.6	72.7	74.9	76.0	76.4	76.4	76.7	76.8	76.9	76.9	77.0	77.0	77.1	77.1	77.2	77.3
GE 2000	72.3	75.7	78.0	79.2	79.7	79.8	80.2	80.3	80.3	80.4	80.5	80.5	80.6	80.6	80.7	80.7
GE 1800	72.8	76.3	78.7	79.9	80.4	80.5	80.9	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.4	81.5
GE 1500	75.0	78.7	81.4	82.8	83.3	83.4	83.8	84.0	84.0	84.1	84.2	84.2	84.3	84.3	84.4	84.4
GE 1200	76.1	80.4	83.4	84.8	85.6	85.7	86.2	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.7	86.8
GE 1000	77.1	81.9	85.2	86.9	87.9	88.1	88.7	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.3	89.3
GE 900	77.4	82.3	85.8	87.6	88.7	88.9	89.5	89.7	89.7	89.8	89.9	89.9	90.0	90.0	90.1	90.2
GE 800	77.7	82.9	86.5	88.5	90.0	90.2	91.1	91.3	91.3	91.4	91.5	91.5	91.6	91.6	91.7	91.8
GE 700	78.0	83.3	87.2	89.3	91.0	91.3	92.4	92.6	92.6	92.7	92.9	92.9	92.9	92.9	93.0	93.1
GE 600	78.1	83.6	87.6	89.9	91.9	92.3	93.7	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.4	94.4
GE 500	78.3	83.9	88.2	91.0	93.3	93.9	95.5	95.8	95.8	95.9	96.1	96.1	96.2	96.2	96.3	96.3
GE 400	78.4	84.1	88.4	91.2	93.9	94.5	96.5	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.6
GE 300	78.4	84.1	88.5	91.3	94.2	94.9	97.2	97.9	98.0	98.3	98.4	98.5	98.6	98.6	98.8	98.8
GE 200	78.4	84.1	88.5	91.4	94.3	95.1	97.5	98.4	98.6	98.9	99.2	99.2	99.4	99.5	99.6	99.7
GE 100	78.4	84.1	88.5	91.4	94.3	95.1	97.5	98.4	98.6	99.0	99.2	99.2	99.5	99.6	99.8	99.9
GE 000	78.4	84.1	88.5	91.4	94.3	95.1	97.5	98.4	98.6	99.0	99.2	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	49.0	52.0	53.7	54.8	55.0	55.4	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.9
GE 20000	50.8	56.3	59.7	61.5	62.8	63.0	63.4	63.6	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9
GE 18000	50.9	56.4	59.8	61.7	62.9	63.2	63.6	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1
GE 16000	51.0	56.5	59.9	61.7	63.0	63.2	63.6	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1
GE 14000	51.5	57.1	60.5	62.4	63.6	63.9	64.3	64.5	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.8
GE 12000	52.6	58.3	61.8	63.7	65.0	65.2	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.2
GE 10000	55.2	61.2	65.0	67.0	68.3	68.6	69.0	69.2	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5
GE 9000	55.7	61.7	65.5	67.5	68.9	69.1	69.6	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.1	70.1
GE 8000	58.0	64.3	68.2	70.4	71.8	72.0	72.5	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1
GE 7000	58.6	65.1	69.0	71.2	72.6	72.9	73.4	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9
GE 6000	59.3	65.8	69.8	72.0	73.4	73.7	74.2	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.8
GE 5000	61.0	67.7	71.8	74.1	75.6	75.9	76.4	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9
GE 4500	62.0	68.8	73.0	75.3	76.8	77.1	77.7	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2
GE 4000	63.2	70.2	74.6	76.9	78.5	78.8	79.4	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.9
GE 3500	64.3	71.5	75.9	78.4	80.0	80.3	80.9	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4
GE 3000	66.0	73.4	78.0	80.5	82.2	82.5	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7
GE 2500	67.3	75.0	79.7	82.4	84.1	84.5	85.1	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.7	85.7
GE 2000	68.8	76.8	81.7	84.5	86.3	86.7	87.4	87.6	87.7	87.8	87.9	87.9	87.9	87.9	88.0	88.0
GE 1800	69.3	77.3	82.3	85.1	87.0	87.4	88.1	88.3	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7
GE 1500	70.5	78.8	84.0	87.0	89.0	89.4	90.1	90.3	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7
GE 1200	71.3	79.9	85.3	88.4	90.5	91.0	91.7	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.4
GE 1000	71.8	80.6	86.3	89.5	91.8	92.3	93.1	93.3	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.8
GE 900	72.0	81.0	86.7	90.1	92.4	92.9	93.7	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.5
GE 800	72.3	81.4	87.3	90.8	93.3	93.8	94.7	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.5
GE 700	72.5	81.7	87.7	91.3	94.0	94.6	95.5	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3
GE 600	72.6	81.9	88.1	91.8	94.7	95.3	96.4	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.3
GE 500	72.7	82.1	88.3	92.2	95.3	95.9	97.1	97.6	97.7	97.9	98.0	98.0	98.0	98.1	98.1	98.1
GE 400	72.8	82.2	88.5	92.4	95.6	96.4	97.7	98.2	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.9
GE 300	72.8	82.2	88.5	92.5	95.8	96.6	98.0	98.7	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.5
GE 200	72.8	82.2	88.5	92.5	95.8	96.7	98.1	98.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8
GE 100	72.8	82.2	88.5	92.5	95.8	96.7	98.1	98.8	99.0	99.3	99.4	99.5	99.7	99.7	99.8	100.0
GE 000	72.8	82.2	88.5	92.5	95.8	96.7	98.1	98.8	99.0	99.3	99.4	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 87460

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	32.3	16.1	9.1	41.1	1.4	51.6	3.0	922
03-05	30.1	15.2	11.1	41.8	1.8	54.8	3.6	924
06-08	17.2	23.1	18.5	39.8	1.4	59.7	3.8	924
09-11	10.3	26.5	23.1	39.5	.6	63.2	2.5	924
12-14	8.0	27.1	25.1	39.6	.2	64.9	.9	924
15-17	11.4	23.5	27.1	37.9	.2	65.2	.5	924
18-20	22.5	20.0	17.9	39.2	.4	57.5	.1	924
21-23	32.1	14.4	13.6	38.7	1.1	53.5	1.0	924
ALL HOURS	20.5	20.7	18.2	39.7	.9	58.8	1.9	7390

MONTH: FEB HOURS: ALL

00-02	26.2	16.4	14.9	41.8	.6	57.3	1.5	846
03-05	24.7	16.1	14.1	44.2	.9	59.2	2.0	846
06-08	11.9	22.8	20.0	44.1	1.2	65.2	2.0	846
09-11	11.0	20.7	23.8	44.0	.6	68.3	.7	846
12-14	9.9	21.3	25.4	42.9	.5	68.8	.2	846
15-17	9.5	21.9	26.1	42.1	.5	68.7	.5	846
18-20	16.1	23.6	20.2	39.7	.4	60.3	.7	846
21-23	26.2	19.0	12.1	42.2	.5	54.7	1.3	846
ALL HOURS	16.9	20.2	19.6	42.6	.6	62.8	1.1	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	28.5	18.6	17.0	35.2	.8	52.9	1.3	930
03-05	28.9	16.8	15.8	37.3	1.2	54.3	2.5	930
06-08	14.7	23.4	23.8	37.4	.6	61.8	3.4	930
09-11	12.0	23.7	26.7	37.5	.1	64.3	.5	930
12-14	10.1	25.4	28.6	35.9		64.5	.9	930
15-17	8.7	28.7	26.4	36.2		62.5	1.3	929
18-20	14.5	25.4	24.9	35.3		60.2	.9	927
21-23	26.9	20.9	19.3	32.8	.1	52.2	.9	927
ALL HOURS	18.0	22.9	22.8	35.9	.3	59.1	1.5	7433

MONTH: APR HOURS: ALL

00-02	35.3	22.9	16.3	24.8	.7	41.8	1.3	900
03-05	31.3	25.9	17.8	24.1	.9	42.8	2.9	900
06-08	20.1	23.0	28.3	27.6	1.0	56.9	2.2	900
09-11	15.6	27.0	28.2	29.0	.2	57.4	.1	900
12-14	12.9	28.6	30.1	28.4		58.6		900
15-17	12.4	29.9	30.4	27.2		57.7		900
18-20	18.0	30.7	25.1	26.2		51.3	.4	900
21-23	33.6	23.7	15.9	26.7	.2	42.8	.6	900
ALL HOURS	22.4	26.4	24.0	26.8	.4	51.2	.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	32.9	27.4	13.7	25.9	.1	39.7	.3	930
03-05	20.9	30.1	19.4	28.4	1.3	49.0	1.7	930
06-08	14.1	28.4	25.8	30.6	1.1	57.5	1.4	930
09-11	9.9	30.0	30.4	29.7		60.1	.4	930
12-14	3.5	35.7	34.3	26.5		60.8	.5	930
15-17	3.5	38.0	33.8	24.7		58.5	.1	930
18-20	11.0	34.1	31.5	23.4		54.9	.4	930
21-23	26.8	32.6	17.7	22.8	.1	40.6	.4	930
ALL HOURS	15.3	32.0	25.8	26.5	.3	52.6	.7	7440

MONTH: JUN HOURS: ALL

00-02	32.8	33.4	19.2	14.6		33.8	1.1	900
03-05	21.3	34.3	27.9	15.8	.7	44.3	4.3	900
06-08	13.6	31.4	32.6	22.0	.4	55.0	3.6	900
09-11	9.4	37.3	34.8	18.4		53.2	1.1	900
12-14	3.4	43.6	37.3	15.7		53.0	1.3	900
15-17	3.7	43.3	35.3	17.7		53.0	1.4	900
18-20	8.0	38.6	31.9	21.6		53.4	1.3	900
21-23	23.9	37.0	21.4	17.7		39.1	.8	900
ALL HOURS	14.5	37.4	30.1	17.9	.1	48.1	1.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES							TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	
00-02	31.2	37.1	20.3	11.3	.1	31.7	3.7	930
03-05	20.3	41.0	21.5	16.6	.6	38.7	8.7	930
06-08	13.9	35.8	29.7	19.1	1.5	50.3	9.4	930
09-11	8.9	43.8	31.5	15.8		47.3	2.4	930
12-14	.2	47.4	40.5	11.8		52.4	1.7	930
15-17	1.2	43.4	39.7	15.7		55.4	2.3	930
18-20	7.3	36.0	37.8	18.8		56.7	2.3	930
21-23	22.6	40.8	23.0	13.7		36.7	2.4	930
ALL HOURS	13.2	40.7	30.5	15.3	.3	46.1	4.1	7440

MONTH: AUG HOURS: ALL

00-02	37.8	32.6	16.6	12.5	.5	29.9	6.5	930
03-05	28.1	36.0	19.1	15.3	1.5	35.9	11.7	930
06-08	15.8	36.2	28.2	18.4	1.4	48.0	14.5	930
09-11	12.7	38.4	34.6	14.3		48.9	4.4	930
12-14	1.1	50.4	36.0	12.5		48.5	2.8	930
15-17	2.4	47.1	35.1	15.5		50.5	3.4	930
18-20	13.3	39.5	30.3	16.9		47.2	3.7	930
21-23	29.5	35.1	20.8	14.4	.3	35.5	4.9	930
ALL HOURS	17.6	39.4	27.6	15.0	.5	43.0	6.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	44.1	22.8	14.6	17.8	.8	33.1	1.8	900
03-05	36.8	25.8	16.2	19.7	1.6	37.4	3.2	900
06-08	19.7	34.6	25.1	19.7	1.0	45.8	5.7	900
09-11	15.4	41.1	24.9	18.4	.1	43.4	.4	900
12-14	5.7	49.7	28.4	16.2		44.7	.1	900
15-17	7.3	46.8	29.2	16.7		45.9	.1	900
18-20	20.6	38.8	22.6	18.1		40.7		900
21-23	38.9	26.3	17.3	17.2	.2	34.8	.6	900
ALL HOURS	23.6	35.7	22.3	18.0	.5	40.7	1.5	7200

MONTH: OCT HOURS: ALL

00-02	44.5	15.3	12.2	27.3	.8	40.2	2.7	930
03-05	39.6	17.2	15.1	27.2	1.0	43.2	5.8	930
06-08	21.0	29.4	20.3	27.3	2.0	49.7	5.1	930
09-11	21.0	29.7	21.7	27.4	.2	49.4	.5	930
12-14	16.3	34.2	24.0	25.5		49.5	.1	930
15-17	17.2	33.1	27.6	22.0		49.7	.1	930
18-20	28.2	27.6	20.9	23.3		44.2	.4	930
21-23	40.0	19.6	14.1	25.8	.5	40.4	1.4	930
ALL HOURS	28.5	25.8	19.5	25.7	.6	45.8	2.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	34.6	20.1	15.6	29.2	.6	45.3	1.1	900
03-05	32.3	18.3	12.7	35.8	.9	49.3	2.8	900
06-08	16.8	22.1	24.1	34.9	2.1	61.1	3.4	900
09-11	15.3	23.9	28.3	31.8	.7	60.8	1.8	900
12-14	15.6	25.8	30.3	28.3		58.7	.3	900
15-17	13.7	29.3	30.1	26.9		57.0	.3	900
18-20	25.8	23.9	17.3	33.0		50.3	.9	900
21-23	32.8	20.0	16.8	30.1	.3	47.2	1.2	900
ALL HOURS	23.3	22.9	21.9	31.3	.6	53.7	1.5	7200

MONTH: DEC HOURS: ALL

00-02	30.1	14.0	15.3	39.6	1.0	55.9	2.5	916
03-05	28.2	12.7	15.0	42.4	1.7	59.1	2.1	915
06-08	16.1	22.6	19.9	39.9	1.5	61.3	3.7	915
09-11	12.9	22.0	26.7	38.0	.4	65.1	2.2	914
12-14	12.6	22.3	27.6	37.5		65.1	.8	912
15-17	13.9	23.6	27.3	35.2		62.5	.3	912
18-20	24.7	18.6	19.0	37.5	.2	56.7	.5	912
21-23	32.0	14.0	13.8	39.1	1.0	53.9	.9	912
ALL HOURS	21.3	18.7	20.6	38.7	.7	60.0	1.6	7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	34.2	23.1	15.4	26.7	.6	42.7	2.2	10934
03-05	28.6	24.2	17.1	29.0	1.2	47.3	4.3	10935
06-08	16.3	27.8	24.7	30.0	1.3	56.0	4.9	10935
09-11	12.9	30.4	27.9	28.6	.2	56.7	1.4	10934
12-14	8.3	34.4	30.7	26.6	.1	57.4	.8	10932
15-17	8.7	34.1	30.7	26.4	.1	57.1	.9	10931
18-20	17.5	29.8	25.0	27.7	.1	52.8	1.0	10929
21-23	30.4	25.3	17.2	26.7	.4	44.2	1.4	10929
ALL HOURS	19.6	28.6	23.6	27.7	.5	51.8	2.1	87459

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105							.1	.1					.0
GE 100						1.0	4.0	2.3	.5				.7
GE 95					1.0	13.9	22.8	17.9	4.8				5.0
GE 90				.5	12.1	46.3	63.5	58.4	26.0	1.3			17.3
GE 85			.9	9.9	36.6	78.0	88.9	88.6	55.4	11.5			30.7
GE 80	.3	1.3	9.3	34.8	64.6	93.1	98.0	97.8	78.0	33.9	3.8	.1	42.8
GE 75	1.7	5.9	22.2	54.7	82.0	98.8	99.6	99.6	90.4	56.9	17.4	2.5	52.6
GE 70	7.3	15.6	39.5	74.3	94.7	99.7	100.0	99.9	96.6	74.5	36.7	9.6	62.3
GE 65	15.5	27.8	56.7	86.8	99.0	100.0		100.0	99.2	90.0	54.6	20.9	70.8
GE 60	26.7	42.9	72.4	94.7	99.9				99.9	96.1	70.5	34.6	78.1
GE 55	42.0	57.6	83.1	98.8	100.0				100.0	99.0	81.6	49.3	84.3
GE 50	57.5	73.6	91.6	99.8						99.9	90.9	67.1	90.0
GE 45	71.4	83.9	96.2	99.9						100.0	97.6	81.3	94.2
GE 40	83.5	92.0	98.3	100.0							99.5	90.8	97.0
GE 35	91.6	97.5	99.8								99.8	96.7	98.8
GE 33	94.3	98.3	99.8								99.8	98.2	99.2
GE 30	96.9	99.4	99.9								100.0	99.3	99.6
GE 25	99.0	100.0	100.0									99.6	99.9
GE 20	99.7											99.7	99.9
GE 15	99.9											99.9	100.0
GE 10	100.0											100.0	100.0
MEAN	51.6	56.8	65.5	74.7	81.5	88.5	90.9	90.2	84.6	75.1	64.6	54.6	73.2
SD	11.92	11.54	10.86	8.34	6.89	5.65	5.15	4.89	7.13	8.04	9.94	11.09	16.29
TOTAL OBS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.1	.3						.0
GE 75					.2	4.2	13.2	8.4	1.2	.1			2.3
GE 70			.2	.5	5.6	44.6	76.2	65.7	27.9	1.6	.1	.1	18.4
GE 65		.4	1.7	6.1	31.5	76.9	94.7	90.5	55.9	8.9	1.5	.5	30.6
GE 60	1.1	1.7	7.8	22.7	57.6	92.7	99.2	97.8	72.0	21.6	6.1	2.3	40.1
GE 55	4.5	6.5	17.2	41.3	77.0	98.3	100.0	99.8	87.0	37.1	14.1	6.3	49.0
GE 50	9.2	13.4	31.2	60.7	90.1	99.5		100.0	94.4	53.8	25.9	12.3	57.5
GE 45	15.3	24.1	46.2	77.3	98.3	99.9			98.8	72.0	41.2	20.3	66.1
GE 40	24.1	36.6	63.7	91.1	99.8	100.0			99.7	88.3	57.4	33.1	74.5
GE 35	39.8	53.7	81.9	98.0	100.0				100.0	97.3	75.6	48.2	82.9
GE 33	47.2	61.9	87.6	99.1						98.7	81.8	55.9	86.0
GE 30	61.5	72.6	94.4	99.8						100.0	90.1	69.7	90.7
GE 25	80.7	87.9	98.1	100.0							98.2	87.7	96.0
GE 20	91.1	96.0	99.6								99.7	95.0	98.4
GE 15	96.2	99.1	100.0								100.0	98.5	99.5
GE 10	98.4	100.0										99.5	99.8
GE 5	99.1											99.6	99.9
GE 0	99.9											99.9	100.0
GE -5	100.0											100.0	100.0
MEAN	33.0	36.5	44.1	51.9	59.9	67.7	71.1	70.1	63.8	51.0	42.4	35.6	52.2
SD	11.05	10.67	10.11	8.73	7.05	5.15	3.53	3.94	7.51	9.42	10.22	10.89	15.95
TOTAL OBS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.2	.8	.1					.1
GE 85						7.8	18.4	11.6	1.9				3.3
GE 80				.2	6.4	43.5	70.3	63.0	25.6	.7			17.4
GE 75			1.0	4.5	31.6	81.1	96.3	93.5	55.1	6.5	.5		30.7
GE 70	.1	1.0	7.2	25.0	62.7	95.1	99.6	99.3	78.4	22.5	3.7	.6	41.1
GE 65	2.3	5.0	17.7	48.2	82.9	99.6	100.0	99.9	91.9	45.3	14.3	3.6	50.8
GE 60	7.5	12.5	34.2	71.3	95.5	100.0		100.0	97.0	66.6	28.4	10.0	60.2
GE 55	13.1	23.6	51.9	86.8	99.6				99.5	86.2	46.9	18.8	68.8
GE 50	23.9	38.3	70.1	95.4	100.0				100.0	96.5	67.7	30.4	76.8
GE 45	40.6	58.5	85.5	99.3						99.8	82.3	49.7	84.6
GE 40	62.1	76.0	93.9	99.8						100.0	93.9	73.3	91.6
GE 35	78.4	88.0	98.3	100.0							98.9	86.9	95.9
GE 33	83.3	91.4	98.9								99.5	91.0	97.0
GE 30	89.6	95.9	99.7								99.8	94.9	98.3
GE 25	95.8	99.1	99.9								99.9	98.5	99.4
GE 20	98.4	100.0	100.0								100.0	99.4	99.8
GE 15	99.3											99.6	99.9
GE 10	99.7											99.8	100.0
GE 5	100.0											100.0	100.0
MEAN	42.5	46.9	55.0	63.5	70.9	78.3	81.2	80.4	74.4	63.2	53.7	45.3	62.9
SD	10.63	10.28	9.67	7.60	6.21	4.70	3.72	3.74	6.53	7.60	9.23	10.13	15.68
TOTAL OBS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42			79	89	94	96	101	98	94	88	81	75	101*
43	81	75	83	90	94	98	104	106	93	87	80	78	106
44	76	76	82	86	95	102	102	99	96	90	80	72	102
45	69	80	87	86	95	98	101	100	98	90	81	64	101
46	75	70*		88	86	87*							88*
58											82	71	82*
59	75	80	83	86	91	98	96	97	95	90	84	69	98
60	73	73	73	86	92	97	99	98	97	90	77	69	99
61	68	79	82	84	88	92	93	97	94	85	84	76	97
62	72	84	78	87	96	95	100	100	95	88	75	71	100
63	75	70	86	87	91	104	94	94	93	91	79	68	104
64	69	63	79	88	95	99	95	99	95	84	82	79	99
65	73	77	80	88	92	96	96	95	92	86	83	72	96
66	71	72	83	84	89	94	101	95	92	83	81	79	101
67	75	72	88	87	94	98	93	89	89	88	76	77	98
68	71	67	83	87	91	97	98	96	88	89	81	66	98
69	73	73	79	84	91	100	99	98	92	87	80	69	100
70	73	70	77	87	93	95	100	97	95	88	77	78	100
71	74	73	76	85	85	96	99	91	90	89	82	73	99
72	78	76	81	99	89	97	98	97	98	88	78	72	98
73	70	52	81	82	88	93	94	95	91	87	79	73	95
74	75	74	87	86	93	93	94	91	87	83	83	73	94
75	78	73	81	88	91	91	97	93	93	89	83	76	97
76	70	81	84	86	85	91	98	95	86	85	72	67	98
77	60	82	84	86	92	100	102	99	100	92	77	73	102
78	70	68	84	87	95	98	97	98	94	86	80	83	98
79	65	75	82	82	85	94	97	94	90	86	77	71	97
80	68	82	77	87	90	95	105	103	99	88	78	71	105
81	68	80	84	87	90	95	103	99	93	90	79	70	103
82	79	82	85	82	96	92	95	93	92	90	79	77	96
83	68	71	79	81	88	89	96	101	94	85	78	78	101
84	65	70	83	85	91	98	95	94	95	87	77	79	98
85	57	73	83	84	95	99	98	95	90	86	81	72	99

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	66	79	85	88	90	100	104	100	96	91	84	68	104
87	71	73	78	94	88	92	101	101	94	85	82	78	101
88	71	72	82	87	91	102	99	101	91	83	77	72	102
89	76	82	84	91	92	93	94	96	94	86	82	74	96
90	73	78	83	89	90	100	98	102	102	89	84	79	102
91	65	75	85										85*

GREATEST	81	84	88	94	96	104	105	106	102	92	84	83	106
TOTAL OBS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

THE GREATEST VALUE OF 106 OCCURRED ON 08/27/43

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42			30	33	46	61	66	62	36	30	30	25	25*
43	15	17	15	33	50	69	64	60	47	32	25	15	15
44	21	20	30	32	39	56	59	65	55	33	28	19	19
45	20	20	32	38	42	56	61	58	54	38	22	14	14
46	19	25*		39	46	49*							19*
58											25	14	14*
59	11	22	31	35	48	62	67	65	59	41	20	28	11
60	15	13	17	37	41	57	64	69	57	37	27	15	13
61	15	21	33	37	44	58	62	57	46	30	26	20	15
62	1	22	27	32	49	60	62	62	44	32	28	3	1
63	1	10	31	40	40	60	61	59	47	32	25	14	1
64	14	18	28	37	50	53	58	57	46	31	20	18	14
65	12	16	23	39	48	56	61	60	44	30	21	19	12
66	-2	18	24	35	41	43	66	57	52	34	23	17	-2
67	21	18	29	41	45	60	55	56	37	34	25	25	18
68	17	17	22	36	41	56	61	54	50	31	24	17	17
69	12	26	23	41	44	51	65	60	47	35	21	25	12
70	6	14	29	34	43	58	57	62	48	38	15	20	6
71	14	12	24	32	38	61	62	60	59	42	27	30	12
72	8	21	28	34	52	49	57	63	47	33	23	20	8
73	18	20	38	35	46	61	63	59	48	37	30	18	18
74	24	20	29	37	53	53	64	58	42	35	25	22	20
75	20	23	26	33	57	57	62	67	44	40	28	18	18
76	15	25	34	36	42	55	62	58	48	34	18	15	15
77	2	17	31	35	46	50	65	63	58	35	28	19	2
78	16	19	20	36	48	58	68	67	56	34	32	18	16
79	12	16	30	39	47	56	61	62	55	38	26	22	12
80	26	20	17	41	50	54	70	68	58	36	30	22	17
81	16	14	31	42	46	60	64	65	45	34	26	16	14
82	6	23	28	32	48	60	69	67	43	33	27	25	6
83	24	26	31	34	46	56	59	66	42	39	30	8	8
84	15	20	25	39	47	52	63	60	49	38	28	20	15
85	2	17	34	34	47	55	61	64	46	42	34	15	2

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	14	18	25	37	42	64	65	51	61	42	28	26	14
87	18	25	29	28	51	57	62	65	52	31	27	24	18
88	16	13	23	40	41	49	61	60	48	36	29	21	13
89	26	18	29	29	43	56	64	57	45	32	24	-2	-2
90	25	29	29	30	46	57	59	61	43	32	27	20	20
91	19	17	34										17*
LEAST	-2	10	15	28	38	43	55	51	36	30	15	-2	-2
TOTAL OBS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

THE LEAST VALUE OF -2 OCCURRED ON 01/30/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42			55	65	70	79	83	80	72	65	56	46	67*
43	46	48	52	64	74	84	84	84	72	61	50	44	64
44	45	52	56	62	73	82	81	81	76	63	53	42	64
45	43	50	63	65	69	79	81	81	78	62	55	40	64
46	46	48*		67	69	69*							60*
58											56	42	49*
59	43	50	54	63	74	78	82	83	76	67	50	48	64
60	44	43	44	65	69	79	83	81	76	66	52	41	62
61	39	52	59	60	69	75	79	79	75	62	54	46	62
62	41	55	51	62	77	79	83	82	74	66	51	41	64
63	37	41	58	65	72	79	79	80	73	67	55	37	62
64	43	43	55	67	72	80	79	79	76	60	56	48	63
65	46	45	49	67	74	77	80	80	76	62	57	47	63
66	38	48	54	64	69	75	83	78	73	60	56	47	62
67	46	44	60	68	70	78	77	75	69	62	50	50	63
68	42	40	53	66	70	80	80	80	72	64	52	42	62
69	44	46	48	64	71	79	83	79	73	63	50	43	62
70	38	43	52	66	72	77	80	80	79	63	50	48	62
71	44	45	49	61	66	79	79	79	76	68	51	53	63
72	47	47	55	64	70	78	80	82	79	64	49	47	63
73	42	45	62	61	69	79	81	78	76	67	58	45	64
74	51	48	62	63	75	74	80	78	68	61	52	47	63
75	49	51	54	62	73	78	81	80	71	65	55	46	64
76	42	56	59	63	66	76	80	78	71	58	46	42	61
77	32	45	58	65	73	81	82	81	77	61	55	45	63
78	34	37	50	63	72	80	83	82	76	61	58	46	62
79	36	43	56	63	69	76	81	79	73	64	52	46	62
80	46	44	52	63	72	79	86	84	79	61	53	45	64
81	40	48	53	68	68	80	83	81	72	63	55	44	63
82	44	47	59	59	73	77	81	80	72	62	54	51	63
83	43	47	53	58	70	75	81	83	73	65	54	41	62
84	39	48	54	62	70	80	80	80	73	70	52	55	64
85	35	42	58	63	70	79	81	79	73	68	61	42	63

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: +06

PERIOD OF RECORD: 4203-4606,5811-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	42	51	57	64	71	81	86	80	79	65	58	44	65
87	42	49	56	60	73	77	83	84	76	59	56	50	64
88	39	44	54	63	69	78	81	82	76	59	56	47	62
89	49	46	57	62	69	76	79	79	73	62	54	37	62
90	50	55	58	62	70	80	81	82	78	62	57	49	65
91	45	50	58										51*
MEAN	42.5	46.9	55.0	63.5	70.9	78.3	81.2	80.4	74.4	63.2	53.7	45.3	62.9
TOTAL OBS	1144	1029	1146	1110	1146	1087	1116	1116	1080	1116	1110	1142	13342

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	39.0	10.720	922	0	239	8	0	0	922
03-05	37.4	10.883	924	0	307	5	0	0	924
06-08	37.0	10.762	924	0	331	3	0	0	924
09-11	43.1	10.306	924	0	122	21	0	0	924
12-14	48.7	10.901	924	0	57	64	0	0	924
15-17	49.3	10.909	924	0	55	71	0	0	924
18-20	44.0	10.199	924	0	111	24	0	0	924
21-23	41.2	10.474	924	0	179	17	0	0	924
ALL HOURS	42.5	11.494	7390	0	1401	213	0	0	7390

MONTH: FEB

00-02	43.7	11.338	846	0	145	22	0	0	846
03-05	42.2	11.484	846	0	159	25	0	0	846
06-08	41.9	11.364	846	0	170	21	0	0	846
09-11	48.1	11.322	846	0	78	61	0	0	846
12-14	53.7	12.058	846	0	36	170	1	0	846
15-17	54.6	12.214	846	0	37	193	5	0	846
18-20	49.4	11.171	846	0	63	82	0	0	846
21-23	45.9	11.015	846	0	106	36	0	0	846
ALL HOURS	47.4	12.394	6768	0	794	610	6	0	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	51.1	10.325	930	0	27	101	0	0	930
03-05	48.8	10.420	930	0	56	73	0	0	930
06-08	49.2	10.007	930	0	43	58	0	0	930
09-11	57.6	10.298	930	0	0	251	3	0	930
12-14	63.4	11.114	930	0	0	452	52	0	930
15-17	64.4	11.354	930	0	0	488	77	0	930
18-20	58.5	10.368	927	0	3	280	6	0	927
21-23	54.0	10.149	927	0	9	150	0	0	927
ALL HOURS	55.9	11.924	7434	0	138	1853	138	0	7434

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.6	9.103	900	0	4	175	0	0	900
03-05	53.1	9.246	900	0	12	108	0	0	900
06-08	55.9	9.100	900	0	6	171	0	0	900
09-11	65.6	8.846	900	0	0	504	42	0	900
12-14	70.7	9.345	900	0	0	655	181	0	900
15-17	71.6	9.584	900	0	0	671	218	1	900
18-20	65.1	9.117	900	0	0	475	39	0	900
21-23	59.3	8.657	900	0	0	277	0	0	900
ALL HOURS	62.1	11.315	7200	0	22	3036	480	1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.6	7.052	930	0	0	456	0	0	930
03-05	61.5	7.344	930	0	0	370	0	0	930
06-08	65.1	7.003	930	0	0	525	8	0	930
09-11	73.9	6.973	930	0	0	825	209	0	930
12-14	78.4	7.068	930	0	0	895	463	7	930
15-17	79.0	6.927	930	0	0	903	493	6	930
18-20	72.8	6.838	930	0	0	805	163	0	930
21-23	66.8	6.453	930	0	0	616	14	0	930
ALL HOURS	70.2	9.394	7440	0	0	5395	1350	13	7440

MONTH: JUN

00-02	71.1	5.068	900	0	0	811	19	0	900
03-05	69.2	5.295	900	0	0	742	7	0	900
06-08	73.3	5.364	899	0	0	844	103	0	899
09-11	81.8	5.598	899	0	0	899	605	21	899
12-14	86.2	5.900	900	0	0	900	777	143	900
15-17	85.8	6.448	900	0	0	900	734	136	900
18-20	80.1	5.951	900	0	0	900	465	15	900
21-23	74.1	4.825	900	0	0	868	125	0	900
ALL HOURS	77.7	8.377	7198	0	0	6864	2835	315	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	74.4	3.691	930	0	0	922	89	0	930
03-05	72.7	3.587	930	0	0	902	19	0	930
06-08	76.1	4.383	930	0	0	922	204	0	930
09-11	84.6	5.214	930	0	0	930	759	48	930
12-14	88.8	5.496	930	0	0	930	870	248	930
15-17	88.2	6.170	930	0	0	930	843	243	930
18-20	82.5	5.707	930	0	0	930	618	39	930
21-23	77.0	4.107	930	0	0	930	252	0	930
ALL HOURS	80.5	7.657	7440	0	0	7396	3654	578	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	73.6	3.701	930	0	0	906	43	0	930
03-05	71.8	3.748	930	0	0	883	4	0	930
06-08	74.4	4.622	930	0	0	902	122	0	930
09-11	83.9	5.254	930	0	0	929	749	34	930
12-14	88.6	5.730	930	0	0	930	860	229	930
15-17	88.2	6.047	930	0	0	930	841	229	930
18-20	81.6	5.509	930	0	0	927	612	20	930
21-23	76.1	3.826	930	0	0	922	187	0	930
ALL HOURS	79.8	7.972	7440	0	0	7329	3418	512	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.2	7.616	900	0	0	591	8	0	900
03-05	65.5	7.928	900	0	0	552	1	0	900
06-08	67.4	7.965	900	0	0	617	18	0	900
09-11	77.7	7.329	900	0	0	854	400	6	900
12-14	83.0	7.272	900	0	0	886	631	50	900
15-17	82.4	7.164	900	0	0	887	623	47	900
18-20	74.4	7.304	900	0	0	816	222	3	900
21-23	69.5	7.394	900	0	0	679	38	0	900
ALL HOURS	73.4	9.975	7200	0	0	5882	1941	106	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.5	9.546	930	0	0	210	0	0	930
03-05	54.6	10.037	930	0	2	171	0	0	930
06-08	55.9	9.901	930	0	3	212	0	0	930
09-11	66.6	8.234	930	0	0	570	46	0	930
12-14	72.5	8.223	930	0	0	770	199	0	930
15-17	71.9	8.238	930	0	0	755	177	0	930
18-20	63.2	8.189	930	0	0	429	16	0	930
21-23	59.1	8.840	930	0	0	286	4	0	930
ALL HOURS	62.5	11.184	7440	0	5	3403	442	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	50.6	10.926	900	0	46	98	0	0	900
03-05	48.9	11.278	900	0	64	77	0	0	900
06-08	49.1	11.106	899	0	61	66	0	0	899
09-11	57.7	9.658	899	0	0	244	0	0	899
12-14	63.8	9.508	899	0	0	433	22	0	899
15-17	62.9	9.456	900	0	0	402	16	0	900
18-20	55.5	9.297	900	0	3	170	0	0	900
21-23	52.5	10.364	900	0	19	123	0	0	900
ALL HOURS	55.1	11.611	7197	0	193	1613	38	0	7197

MONTH: DEC

00-02	42.5	13.080	916	0	214	52	0	0	916
03-05	41.1	13.199	915	0	263	39	0	0	915
06-08	40.6	13.181	915	2	264	33	0	0	915
09-11	46.8	12.283	914	0	92	69	0	0	914
12-14	52.1	12.512	912	0	47	164	0	0	912
15-17	51.8	12.380	912	0	56	167	0	0	912
18-20	46.6	12.287	912	0	97	81	0	0	912
21-23	44.2	12.677	912	0	148	70	0	0	912
ALL HOURS	45.7	13.388	7308	2	1181	675	0	0	7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

.....
HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL	
LST		DEVIATION	OBS	LE 0	LE 32	GE 65	GE 80	GE 93	HOURS	
.....
00-02	57.5	14.954	10934	0	675	4352	159	0	10934	
03-05	55.7	15.022	10935	0	863	3947	31	0	10935	
06-08	57.3	16.145	10933	2	878	4374	455	0	10933	
09-11	65.7	16.786	10932	0	292	6157	2813	109	10932	
12-14	70.9	16.597	10931	0	140	7249	4056	677	10931	
15-17	71.0	16.411	10932	0	148	7297	4027	662	10932	
18-20	64.6	15.884	10929	0	277	5919	2141	77	10929	
21-23	60.1	14.963	10929	0	461	4974	620	0	10929	
ALL										
HOURS	62.8	16.862	87455	2	3734	44269	14302	1525	87455	
.....

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	36.6	10.684	922	340	125	1	0	0	922
03-05	35.5	10.849	924	410	101	0	0	0	924
06-08	35.1	10.812	924	433	90	2	0	0	924
09-11	39.3	10.170	924	208	133	4	0	0	924
12-14	42.4	9.916	924	131	205	10	0	0	924
15-17	42.8	9.825	924	115	216	5	0	0	924
18-20	40.0	9.897	924	198	137	2	0	0	924
21-23	38.2	10.359	924	269	140	5	0	0	924
ALL HOURS	38.7	10.664	7390	2104	1147	29	0	0	7390

MONTH: FEB

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	40.9	11.083	846	188	203	2	0	0	846
03-05	39.8	11.329	846	219	175	5	0	0	846
06-08	39.6	11.295	846	234	167	3	0	0	846
09-11	43.6	10.764	845	137	254	7	0	0	845
12-14	46.5	10.497	846	83	338	20	0	0	846
15-17	46.8	10.334	846	89	327	17	0	0	846
18-20	44.1	10.373	846	128	256	0	0	0	846
21-23	42.2	10.676	846	161	217	0	0	0	846
ALL HOURS	42.9	11.100	6767	1239	1937	54	0	0	6767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	47.2	9.885	930	64	382	18	0	0	930
03-05	45.6	10.121	930	99	332	14	0	0	930
06-08	45.9	9.816	930	90	351	11	0	0	930
09-11	50.6	9.346	929	21	514	29	0	0	929
12-14	53.3	9.068	930	5	595	69	1	0	930
15-17	53.6	8.889	930	6	614	62	2	0	930
18-20	51.1	9.108	927	18	525	37	0	0	927
21-23	49.0	9.464	927	34	443	14	0	0	927
ALL HOURS	49.5	9.927	7433	337	3756	254	3	0	7433

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.9	8.921	900	15	554	33	0	0	900
03-05	50.2	9.168	900	24	467	19	0	0	900
06-08	52.1	9.003	900	15	543	32	0	0	900
09-11	57.0	8.571	900	0	708	135	5	0	900
12-14	58.8	8.176	900	0	765	192	10	0	900
15-17	58.8	8.046	900	0	777	194	15	0	900
18-20	56.7	8.204	900	2	698	104	3	0	900
21-23	54.1	8.338	900	7	633	40	0	0	900
ALL HOURS	55.0	9.097	7200	63	5145	749	33	0	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306 STATION NAME: COLUMBUS AFB MS PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	60.4	6.815	927	0	843	178	14	0	927
03-05	59.0	7.192	927	0	809	134	6	0	927
06-08	61.3	6.716	929	0	877	232	27	0	929
09-11	65.2	6.360	930	0	925	437	115	2	930
12-14	66.4	6.036	930	0	929	509	151	1	930
15-17	66.5	5.830	930	0	930	510	138	0	930
18-20	64.7	6.013	930	0	926	419	77	0	930
21-23	62.3	6.296	930	0	903	260	35	0	930
ALL HOURS	63.2	6.975	7433	0	7142	2679	563	3	7433

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.9	4.617	899	0	897	611	130	0	899
03-05	66.6	5.017	900	0	895	531	66	0	900
06-08	69.0	4.608	899	0	899	663	218	0	899
09-11	72.3	4.273	899	0	899	818	489	9	899
12-14	73.0	4.181	900	0	900	834	531	16	900
15-17	72.5	3.996	900	0	900	829	489	14	900
18-20	71.4	4.052	900	0	900	801	409	3	900
21-23	69.5	4.247	900	0	900	711	252	0	900
ALL HOURS	70.3	4.858	7197	0	7190	5798	2584	42	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	71.4	2.872	930	0	930	873	366	0	930
03-05	70.4	3.117	930	0	930	838	237	0	930
06-08	72.2	3.076	930	0	930	884	471	2	930
09-11	75.3	2.828	930	0	930	924	784	39	930
12-14	75.8	2.765	930	0	930	925	819	68	930
15-17	75.3	2.731	930	0	930	928	782	47	930
18-20	74.2	2.793	930	0	930	923	700	19	930
21-23	72.7	2.742	930	0	930	901	532	3	930
ALL HOURS	73.4	3.478	7440	0	7440	7196	4691	178	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	70.3	3.640	930	0	928	806	268	0	930
03-05	69.1	3.834	930	0	927	739	148	0	930
06-08	70.6	4.036	930	0	929	802	317	0	930
09-11	74.4	3.567	930	0	930	898	714	40	930
12-14	75.0	3.523	929	0	929	905	756	70	929
15-17	74.5	3.354	930	0	930	904	719	41	930
18-20	73.2	3.477	930	0	930	894	612	7	930
21-23	71.6	3.430	929	0	929	865	413	0	929
ALL HOURS	72.3	4.198	7438	0	7432	6813	3947	158	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	64.4	7.399	900	0	853	447	71	0	900
03-05	63.2	7.807	900	0	834	421	36	0	900
06-08	64.3	7.619	900	0	851	452	89	0	900
09-11	69.1	6.448	900	0	900	610	372	3	900
12-14	70.3	6.081	900	0	900	657	430	6	900
15-17	69.8	6.025	900	0	900	635	394	0	900
18-20	67.7	6.623	900	0	893	560	272	0	900
21-23	65.6	7.113	900	0	869	502	134	0	900
ALL HOURS	66.8	7.387	7200	0	7000	4284	1798	9	7200

MONTH: OCT

00-02	54.0	9.624	930	2	607	117	3	0	930
03-05	52.6	10.083	930	9	552	89	3	0	930
06-08	53.4	9.938	930	12	584	91	2	0	930
09-11	59.2	8.224	930	0	813	229	35	0	930
12-14	61.3	7.918	930	0	879	291	64	0	930
15-17	61.0	7.863	930	0	866	279	59	0	930
18-20	58.1	8.471	930	0	756	195	17	0	930
21-23	55.8	9.058	930	0	667	128	9	0	930
ALL HOURS	56.9	9.497	7440	23	5724	1419	192	0	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	47.7	10.687	900	76	385	21	0	0	900
03-05	46.5	11.058	900	104	370	15	0	0	900
06-08	46.7	11.022	899	96	377	13	0	0	899
09-11	51.9	9.605	898	12	514	57	0	0	898
12-14	54.5	9.159	898	2	603	95	2	0	898
15-17	53.9	9.011	900	3	577	79	1	0	900
18-20	50.8	9.458	900	10	463	32	0	0	900
21-23	48.9	10.164	899	44	411	22	0	0	899
ALL HOURS	50.1	10.484	7194	347	3700	334	3	0	7194

MONTH: DEC

00-02	39.9	12.994	916	299	218	14	0	0	916
03-05	38.9	13.098	915	328	206	16	0	0	915
06-08	38.5	13.042	915	320	197	13	0	0	915
09-11	42.6	12.094	914	156	244	17	0	0	914
12-14	45.4	11.834	912	113	294	25	0	0	912
15-17	45.2	11.733	912	109	292	20	0	0	912
18-20	42.6	12.224	912	163	243	20	0	0	912
21-23	41.0	12.630	912	227	223	20	0	0	912
ALL HOURS	41.8	12.704	7308	1715	1917	145	0	0	7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

.....
HOURS	MEAN	STANDARD	TOTAL	MEAN	NUMBER OF HOURS	WITH	TEMPERATURES	DEG F	TOTAL	
LST		DEVIATION	OBS	LE 32	GE 50	GE 67	GE 73	GE 80	HOURS	
.....
00-02	54.5	14.735	10930	984	6925	3121	852	0	10930	
03-05	53.2	14.897	10932	1193	6598	2821	496	0	10932	
06-08	54.1	15.502	10932	1200	6795	3198	1124	2	10932	
09-11	58.5	14.838	10929	534	7764	4165	2514	93	10929	
12-14	60.3	13.934	10929	334	8267	4532	2764	161	10929	
15-17	60.2	13.678	10932	322	8259	4462	2599	102	10932	
18-20	58.0	14.296	10929	519	7657	3987	2090	29	10929	
21-23	56.0	14.512	10927	742	7265	3468	1375	3	10927	
ALL										
HOURS	56.8	14.788	87440	5828	59530	29754	13814	390	87440	
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	32.7	12.751	922	313	311	879	5	922
03-05	32.0	12.720	924	338	294	878	2	924
06-08	31.6	12.821	924	349	296	881	3	924
09-11	33.4	13.018	924	271	357	874	4	924
12-14	34.0	13.266	924	275	380	859	5	924
15-17	34.0	13.234	924	272	379	865	5	924
18-20	34.2	12.529	924	262	368	864	5	924
21-23	33.5	12.620	924	288	340	874	7	924
ALL HOURS	33.2	12.919	7390	2368	2725	6974	36	7390

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.9	12.816	846	189	399	769	4	846
03-05	36.2	13.024	846	205	392	769	5	846
06-08	36.1	12.918	846	215	399	775	6	846
09-11	37.8	13.289	845	192	465	768	10	846
12-14	38.0	13.455	846	198	471	757	9	846
15-17	37.6	13.387	846	205	453	750	11	846
18-20	37.6	12.788	846	191	454	749	2	846
21-23	37.3	12.772	846	185	438	763	2	846
ALL HOURS	37.2	13.083	6767	1580	3471	6100	49	6767

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	42.9	11.436	930	91	638	762	15	930
03-05	42.0	11.544	930	109	601	789	19	930
06-08	42.2	11.416	930	101	602	793	12	930
09-11	43.4	12.228	929	99	635	748	24	929
12-14	43.5	12.564	930	110	626	729	17	930
15-17	43.1	12.298	930	121	635	748	18	930
18-20	43.7	11.810	927	90	656	747	20	927
21-23	43.8	11.322	927	73	656	749	18	927
ALL HOURS	43.1	11.867	7433	794	5049	6065	143	7433

MONTH: APR

00-02	48.5	10.241	900	16	773	645	36	900
03-05	47.4	10.304	900	25	749	664	22	900
06-08	48.5	10.323	900	27	777	635	31	900
09-11	49.7	11.810	900	38	757	553	74	900
12-14	48.8	12.123	900	46	727	575	73	900
15-17	48.2	12.093	900	43	706	602	67	900
18-20	49.5	10.869	900	17	768	578	56	900
21-23	49.6	10.061	900	12	795	594	33	900
ALL HOURS	48.8	11.057	7200	224	6052	4846	392	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	58.1	7.462	927	0	927	310	190	927
03-05	57.2	7.724	927	0	927	356	162	927
06-08	58.7	7.571	929	0	928	313	242	929
09-11	59.5	8.620	930	0	923	314	325	930
12-14	58.8	9.099	930	0	919	331	325	930
15-17	58.6	9.097	930	0	918	329	304	930
18-20	59.5	8.084	930	0	926	282	303	930
21-23	59.4	7.353	930	0	930	271	255	930
ALL HOURS	58.7	8.218	7433	0	7398	2506	2106	7433

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	66.1	5.067	899	0	899	34	615	900
03-05	65.2	5.304	900	0	900	45	546	900
06-08	66.7	5.157	899	0	899	31	629	900
09-11	67.5	6.119	899	0	899	45	669	900
12-14	66.3	6.719	900	0	900	79	611	900
15-17	65.6	6.655	900	0	900	88	581	900
18-20	66.9	5.830	900	0	900	48	662	900
21-23	67.1	4.970	900	0	900	24	681	900
ALL HOURS	66.4	5.859	7197	0	7197	394	4994	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	70.0	3.127	930	0	930	3	873	930
03-05	69.2	3.201	930	0	930	3	853	930
06-08	70.4	3.365	930	0	930	1	877	930
09-11	71.3	3.474	930	0	930	0	882	930
12-14	70.1	4.087	930	0	930	5	841	930
15-17	69.6	4.002	930	0	930	2	820	930
18-20	70.5	3.538	930	0	930	0	862	930
21-23	70.7	3.053	930	0	930	0	892	930
ALL HOURS	70.2	3.608	7440	0	7440	14	6900	7440

MONTH: AUG

00-02	68.6	4.172	930	0	930	13	809	929
03-05	67.7	4.241	930	0	930	17	757	929
06-08	68.7	4.485	930	0	930	15	803	929
09-11	70.1	4.487	930	0	930	17	836	929
12-14	68.8	5.011	929	0	929	26	782	929
15-17	68.2	5.112	930	0	930	28	749	929
18-20	69.2	4.481	930	0	930	13	815	929
21-23	69.3	4.140	929	0	929	8	846	929
ALL HOURS	68.8	4.638	7438	0	7438	137	6397	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	52.7	7.847	900	0	900	183	462	900
03-05	61.8	8.189	900	0	900	220	432	900
06-08	62.5	8.065	900	0	900	192	455	900
09-11	64.3	8.224	900	0	900	155	513	900
12-14	63.2	8.714	900	0	899	192	496	900
15-17	62.6	8.968	900	0	898	205	474	900
18-20	63.8	8.090	900	0	900	157	513	900
21-23	63.4	7.868	900	0	900	162	493	900
ALL HOURS	63.0	8.311	7200	0	7197	1466	3838	7200

MONTH: OCT

00-02	52.0	10.615	930	3	860	568	135	930
03-05	50.8	10.847	930	4	832	596	114	930
06-08	51.3	10.782	930	3	838	590	131	930
09-11	53.3	11.014	930	4	864	535	191	930
12-14	52.6	12.060	930	18	825	530	187	930
15-17	52.4	12.105	930	24	817	530	169	930
18-20	53.9	10.633	930	2	861	497	180	930
21-23	53.1	10.327	930	2	872	536	150	930
ALL HOURS	52.4	11.130	7440	60	6769	4382	1257	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.7	11.777	900	54	656	686	33	900
03-05	43.9	11.983	900	75	610	705	22	900
06-08	44.0	12.121	899	80	598	704	19	899
09-11	46.1	12.398	898	53	667	658	47	898
12-14	45.6	13.495	898	84	639	632	61	898
15-17	45.2	13.274	900	93	633	654	52	900
18-20	45.9	11.722	900	65	683	670	36	900
21-23	45.3	11.577	899	54	679	672	27	899
ALL HOURS	45.1	12.231	7194	558	5165	5381	297	7194

MONTH: DEC

00-02	36.0	14.869	916	283	400	791	22	912
03-05	35.5	14.750	915	292	399	809	19	912
06-08	35.1	14.628	915	287	386	804	14	912
09-11	37.0	14.586	914	203	420	794	21	912
12-14	36.8	15.389	912	230	409	779	26	912
15-17	36.7	15.469	912	246	404	770	26	912
18-20	37.0	14.886	912	231	392	772	21	912
21-23	36.5	14.864	912	247	397	782	25	912
ALL HOURS	36.3	14.954	7308	2019	3207	6301	174	7308

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.7	16.219	10930	949	8623	5643	3199	10930
03-05	50.8	16.246	10932	1048	8464	5851	2953	10932
06-08	51.4	16.672	10932	1062	8483	5734	3212	10932
09-11	52.9	16.736	10929	860	8747	5461	3596	10929
12-14	52.3	16.663	10929	961	8654	5494	3433	10929
15-17	51.9	16.531	10932	1004	8603	5571	3276	10932
18-20	52.8	16.234	10929	858	8768	5377	3475	10929
21-23	52.5	16.222	10927	861	8766	5435	3429	10927
ALL HOURS	52.0	16.455	87440	7603	69108	44566	26583	87440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.8	98.7	95.7	86.1	74.2	51.6	27.0	78.3	922
03-05	100.0	100.0	99.7	98.9	97.0	90.0	79.4	57.3	30.5	80.4	924
06-08	100.0	100.0	100.0	99.7	96.6	89.3	79.1	57.1	31.5	80.5	924
09-11	100.0	100.0	99.5	94.7	82.3	66.5	50.9	34.7	18.5	69.5	924
12-14	100.0	99.9	94.5	78.9	59.1	44.9	33.8	25.1	11.1	59.4	924
15-17	100.0	99.9	92.3	76.6	57.7	42.2	33.1	22.2	11.7	58.2	924
18-20	100.0	100.0	99.8	95.6	82.4	67.5	49.6	32.9	17.6	69.3	924
21-23	100.0	100.0	99.8	98.3	91.2	79.9	61.1	43.3	21.8	74.5	924
ALL HOURS	100.0	100.0	98.2	92.7	82.7	70.8	57.6	40.5	21.2	71.3	7390

MONTH: FEB

00-02	100.0	100.0	99.8	98.5	94.1	85.1	69.7	51.2	27.3	77.6	846
03-05	100.0	100.0	100.0	99.1	96.8	88.5	74.1	56.7	31.1	79.6	846
06-08	100.0	100.0	100.0	99.4	97.5	90.4	76.7	57.1	31.2	80.2	846
09-11	100.0	100.0	98.8	94.0	81.1	68.5	52.3	35.1	14.7	69.1	845
12-14	100.0	99.6	92.2	74.3	60.5	46.3	32.6	23.2	8.2	58.4	846
15-17	100.0	99.4	87.8	70.2	53.8	42.8	30.0	20.9	9.5	56.1	846
18-20	100.0	100.0	99.1	90.4	76.6	59.3	43.7	29.0	12.1	65.6	846
21-23	100.0	100.0	99.4	97.0	89.7	77.5	59.9	40.9	18.1	73.0	846
ALL HOURS	100.0	99.9	97.1	90.4	81.3	69.8	54.9	39.3	19.0	69.9	6767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	98.2	94.1	82.9	64.9	40.1	19.5	74.7	930
03-05	100.0	100.0	100.0	99.8	96.6	89.1	72.9	51.9	22.6	78.1	930
06-08	100.0	100.0	100.0	99.4	96.6	87.2	70.8	49.9	22.9	77.4	930
09-11	100.0	99.8	96.9	85.3	71.2	54.4	35.3	20.3	9.7	61.7	929
12-14	100.0	97.8	84.2	68.1	49.8	32.6	20.3	13.5	7.0	51.9	930
15-17	100.0	97.8	82.4	61.6	44.3	30.4	20.1	12.7	6.2	49.9	930
18-20	100.0	99.7	96.4	84.8	66.7	48.3	31.8	22.2	10.6	60.6	927
21-23	100.0	100.0	100.0	97.4	87.1	70.7	48.9	31.4	14.9	69.8	927
ALL HOURS	100.0	99.4	95.0	86.8	75.8	62.0	45.6	30.3	14.2	65.5	7433

MONTH: APR

00-02	100.0	100.0	99.7	99.4	97.4	91.1	75.9	49.7	18.7	77.7	900
03-05	100.0	100.0	99.8	99.8	99.3	96.0	86.6	63.2	23.6	81.5	900
06-08	100.0	100.0	100.0	99.9	97.4	89.7	75.4	46.9	15.9	77.1	900
09-11	100.0	100.0	96.7	84.1	65.3	48.4	28.0	13.4	5.9	58.7	900
12-14	100.0	99.3	86.6	62.0	41.7	28.2	14.8	8.6	3.8	48.8	900
15-17	100.0	99.3	79.6	54.4	38.0	25.4	14.8	9.4	3.0	46.8	900
18-20	100.0	100.0	98.0	85.7	67.9	47.8	29.3	15.6	6.0	59.4	900
21-23	100.0	100.0	100.0	99.4	93.0	78.1	57.8	31.3	10.7	71.5	900
ALL HOURS	100.0	99.8	95.0	85.6	75.0	63.1	47.8	29.8	10.9	65.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	99.1	97.8	90.0	68.6	30.5	83.0	927
03-05	100.0	100.0	100.0	100.0	100.0	99.7	95.6	79.0	42.4	86.1	927
06-08	100.0	100.0	100.0	99.9	99.5	96.1	84.3	56.2	22.8	80.2	929
09-11	100.0	100.0	99.5	91.8	77.7	59.0	34.8	14.2	5.2	62.7	930
12-14	100.0	100.0	94.6	76.1	58.4	32.8	16.9	7.6	2.8	53.4	930
15-17	100.0	100.0	93.4	74.2	53.2	28.5	15.1	8.7	4.0	52.1	930
18-20	100.0	100.0	99.2	93.3	83.7	63.2	39.5	18.2	8.4	65.1	930
21-23	100.0	100.0	100.0	99.7	98.8	93.4	78.5	46.3	16.6	77.8	930
ALL HOURS	100.0	100.0	98.3	91.8	83.8	71.3	56.8	37.3	16.6	70.0	7433

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	99.3	94.2	69.1	36.2	84.6	899
03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.4	83.6	48.4	87.4	900
06-08	100.0	100.0	100.0	100.0	99.4	96.0	83.4	56.7	28.0	80.9	899
09-11	100.0	100.0	99.8	95.7	81.2	60.1	38.3	14.0	4.3	63.8	899
12-14	100.0	100.0	96.4	80.1	58.3	33.8	15.8	5.2	1.9	53.7	900
15-17	100.0	99.8	95.9	79.1	54.6	31.7	19.0	8.8	2.7	53.6	900
18-20	100.0	100.0	99.2	95.0	83.7	65.4	43.1	21.2	8.3	66.3	900
21-23	100.0	100.0	100.0	100.0	99.7	96.3	79.4	51.7	22.3	79.6	900
ALL HOURS	100.0	100.0	98.9	93.7	84.6	72.8	58.8	38.8	19.0	71.2	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.9	96.5	79.7	43.2	86.6	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.9	89.0	54.7	89.2	930
06-08	100.0	100.0	100.0	100.0	100.0	99.0	89.5	64.6	30.5	83.1	930
09-11	100.0	100.0	100.0	99.2	92.9	67.0	34.7	12.6	2.9	65.6	930
12-14	100.0	100.0	99.8	92.2	64.0	32.7	13.0	5.9	1.5	55.6	930
15-17	100.0	100.0	99.9	88.2	62.8	34.6	18.7	8.1	2.7	56.1	930
18-20	100.0	100.0	100.0	98.8	90.4	71.8	48.0	23.5	8.9	68.8	930
21-23	100.0	100.0	100.0	100.0	100.0	98.6	88.8	58.3	23.7	81.6	930
ALL HOURS	100.0	100.0	100.0	97.3	88.8	75.5	61.0	42.7	21.0	73.3	7440

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	99.5	96.0	74.9	31.7	84.7	930
03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.2	82.2	42.6	87.1	930
06-08	100.0	100.0	100.0	100.0	100.0	99.1	92.0	62.9	25.2	82.9	930
09-11	100.0	100.0	99.9	98.5	91.5	64.7	32.9	7.7	1.2	64.2	930
12-14	100.0	100.0	98.8	88.4	61.2	27.4	10.3	3.7	1.0	53.7	929
15-17	100.0	100.0	98.1	84.1	59.1	28.2	11.7	4.8	1.6	53.5	930
18-20	100.0	100.0	99.9	98.2	90.9	72.5	45.2	17.7	4.9	67.7	930
21-23	100.0	100.0	100.0	100.0	99.8	98.0	85.9	49.5	15.9	80.0	929
ALL HOURS	100.0	100.0	99.6	96.1	87.8	73.6	59.0	37.9	15.5	71.7	7438

OPERATING LOCATION "A"
USAFETAC, ASREVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.9	96.7	77.3	42.0	86.0	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	86.7	51.3	88.2	900
06-08	100.0	100.0	100.0	100.0	100.0	98.9	93.3	72.8	38.1	84.9	900
09-11	100.0	100.0	99.9	96.9	84.4	61.2	36.2	16.8	7.7	65.0	900
12-14	100.0	100.0	96.9	82.6	55.3	28.8	14.9	7.8	4.4	53.5	900
15-17	100.0	100.0	94.9	80.2	54.7	31.4	17.4	9.7	5.0	53.7	900
18-20	100.0	100.0	100.0	98.3	93.3	77.8	55.6	27.3	10.8	71.0	900
21-23	100.0	100.0	100.0	100.0	99.8	97.3	88.9	57.9	25.0	81.4	900
ALL HOURS	100.0	100.0	99.0	94.8	85.9	74.4	62.8	44.5	23.0	73.0	7200

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	99.1	97.4	92.3	73.3	41.3	85.2	930
03-05	100.0	100.0	100.0	100.0	100.0	99.0	95.6	81.2	45.8	87.1	930
06-08	100.0	100.0	100.0	100.0	99.8	98.4	91.4	74.6	37.8	84.9	930
09-11	100.0	100.0	99.2	91.4	77.8	58.6	40.4	24.7	9.1	64.6	930
12-14	100.0	99.2	90.0	68.8	50.1	34.6	22.3	11.2	4.9	52.8	930
15-17	100.0	98.9	90.2	71.5	51.3	35.8	24.3	13.3	6.7	53.6	930
18-20	100.0	100.0	99.8	97.6	92.6	81.0	65.2	37.7	15.6	73.2	930
21-23	100.0	100.0	100.0	99.7	98.4	95.2	83.3	62.0	30.4	81.4	930
ALL HOURS	100.0	99.8	97.4	91.1	83.6	75.0	64.3	47.3	24.0	72.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.7	98.3	95.3	83.1	58.1	25.9	80.6	900
03-05	100.0	100.0	100.0	100.0	99.6	97.3	90.6	66.8	30.8	83.1	900
06-08	100.0	100.0	100.0	100.0	99.2	95.9	87.8	66.4	30.8	82.8	899
09-11	100.0	99.9	98.7	92.5	81.8	66.3	46.3	28.1	13.4	67.2	898
12-14	100.0	99.2	89.6	70.9	55.6	41.2	25.6	15.8	7.8	54.9	898
15-17	100.0	98.7	90.9	71.6	56.9	42.1	28.3	16.3	7.3	55.7	900
18-20	100.0	100.0	99.3	98.7	92.9	77.4	53.8	31.6	13.9	71.3	900
21-23	100.0	100.0	99.6	99.3	98.6	91.0	73.6	45.1	20.5	77.1	899
ALL HOURS	100.0	99.7	97.3	91.6	85.4	75.8	61.1	41.0	18.8	71.6	7194

MONTH: DEC

00-02	100.0	100.0	99.6	98.9	96.5	88.9	73.9	47.8	23.6	77.7	916
03-05	100.0	100.0	100.0	99.6	98.4	92.6	79.2	56.7	27.2	80.2	915
06-08	100.0	100.0	100.0	99.9	98.1	93.0	81.2	55.1	26.9	80.4	915
09-11	100.0	100.0	99.8	96.7	85.8	71.3	51.3	31.4	14.8	69.6	914
12-14	100.0	99.3	93.6	79.3	61.6	44.0	30.5	19.4	10.5	58.2	912
15-17	100.0	99.7	92.8	77.5	61.6	45.0	33.2	20.4	11.4	58.8	912
18-20	100.0	100.0	99.5	97.4	86.7	72.8	49.2	31.4	15.1	69.7	912
21-23	100.0	100.0	99.6	98.5	93.2	83.1	65.6	39.7	19.2	74.5	912
ALL HOURS	100.0	99.9	98.1	93.5	85.3	73.9	58.0	37.8	18.6	71.2	7308

OPERATING LOCATION "A"
USAFETAC, ASSEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.9	99.4	97.9	93.7	84.0	61.9	30.6	81.4	10930
03-05	100.0	100.0	100.0	99.8	99.0	96.0	89.1	71.3	37.6	84.0	10932
06-08	100.0	100.0	100.0	99.5	98.7	94.4	83.8	60.1	28.5	81.3	10932
09-11	100.0	100.0	99.0	93.4	81.1	62.1	40.0	21.0	8.9	65.1	10929
12-14	100.0	99.5	93.1	76.9	56.3	35.5	20.8	12.2	5.4	54.5	10929
15-17	100.0	99.5	91.5	74.2	54.0	34.8	22.1	12.9	6.0	54.0	10932
18-20	100.0	100.0	99.2	94.5	84.0	67.1	46.2	25.7	11.0	67.4	10929
21-23	100.0	100.0	99.9	99.1	95.8	88.3	72.7	46.5	19.9	76.9	10927
ALL HOURS	100.0	99.9	97.8	92.1	83.4	71.5	57.3	38.9	18.5	70.6	87440

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1021.7	1019.8	1017.1	1015.7	1015.0	1015.0	1016.6	1016.1	1017.3	1019.3	1019.3	1021.6	1017.9
	SD	6.156	7.230	6.969	5.406	3.499	2.979	2.686	2.592	3.190	4.294	5.929	6.781	5.578
	TOT OBS	306	282	310	300	310	300	310	310	300	310	300	305	3643
0300	MEAN	1021.7	1019.5	1016.8	1015.5	1014.8	1014.9	1016.4	1015.9	1017.2	1019.2	1019.2	1021.7	1017.7
	SD	6.186	7.404	7.020	5.518	3.531	3.042	2.706	2.594	3.209	4.442	5.971	6.790	5.663
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
0600	MEAN	1022.0	1020.1	1017.7	1016.6	1016.0	1016.1	1017.5	1017.0	1018.1	1020.2	1019.9	1022.1	1018.6
	SD	6.313	7.589	7.243	5.664	3.736	3.158	2.818	2.660	3.305	4.612	6.073	6.807	5.673
	TOT OBS	308	282	310	300	310	300	310	310	300	310	299	305	3644
0900	MEAN	1023.3	1021.4	1018.8	1017.5	1016.8	1016.7	1018.2	1017.7	1019.1	1021.3	1021.0	1023.3	1019.6
	SD	6.289	7.746	7.470	5.761	3.746	3.162	2.839	2.663	3.373	4.693	6.239	6.847	5.827
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
1200	MEAN	1022.4	1020.7	1018.0	1016.6	1016.0	1016.0	1017.6	1016.9	1018.1	1020.1	1019.7	1022.2	1018.7
	SD	6.222	7.568	7.373	5.557	3.696	3.094	2.820	2.719	3.369	4.553	6.147	6.739	5.696
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	304	3644
1500	MEAN	1020.8	1018.9	1016.0	1014.8	1014.3	1014.4	1015.9	1015.2	1016.3	1018.4	1018.1	1020.7	1017.0
	SD	6.091	7.325	7.077	5.401	3.614	2.971	2.741	2.711	3.286	4.451	5.978	6.589	5.583
	TOT OBS	307	282	310	300	310	300	310	310	300	310	300	304	3643
1800	MEAN	1021.2	1019.1	1016.0	1014.5	1013.9	1014.0	1015.6	1014.9	1016.3	1018.6	1018.6	1021.3	1017.0
	SD	6.041	7.200	6.877	5.305	3.598	2.858	2.672	2.574	3.246	4.475	5.828	6.538	5.645
	TOT OBS	308	282	308	300	310	300	310	310	300	310	299	304	3641
2100	MEAN	1021.8	1019.8	1016.9	1015.6	1015.0	1015.0	1016.7	1016.1	1017.5	1019.5	1019.3	1021.8	1017.9
	SD	6.124	7.229	6.957	5.294	3.587	2.928	2.676	2.566	3.204	4.509	5.849	6.608	5.582
	TOT OBS	308	282	309	300	310	300	310	310	300	310	300	304	3643
ALL HOURS	MEAN	1021.9	1019.9	1017.2	1015.9	1015.2	1015.3	1016.8	1016.2	1017.5	1019.6	1019.4	1021.8	1018.0
	SD	6.219	7.454	7.185	5.570	3.733	3.150	2.871	2.775	3.391	4.589	6.059	6.750	5.717
	TOT OBS	2461	2256	2477	2400	2480	2400	2480	2480	2400	2480	2398	2436	29148

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.17	30.11	30.04	30.00	29.98	29.98	30.03	30.01	30.05	30.10	30.10	30.17	30.06
	SD	.180	.211	.204	.159	.102	.087	.078	.076	.093	.126	.173	.197	.162
	TOT OBS	306	282	310	300	310	300	310	310	300	310	300	306	3644
0300	MEAN	30.17	30.11	30.03	29.99	29.97	29.98	30.02	30.01	30.04	30.10	30.10	30.17	30.06
	SD	.181	.216	.206	.161	.103	.089	.079	.075	.093	.130	.175	.198	.165
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
0600	MEAN	30.18	30.12	30.05	30.02	30.01	30.01	30.05	30.04	30.07	30.13	30.12	30.18	30.08
	SD	.184	.222	.212	.166	.109	.092	.083	.077	.096	.135	.177	.198	.165
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
0900	MEAN	30.22	30.16	30.09	30.05	30.03	30.03	30.08	30.06	30.10	30.16	30.15	30.22	30.11
	SD	.184	.227	.219	.169	.109	.093	.083	.077	.098	.137	.183	.200	.169
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
1200	MEAN	30.19	30.14	30.06	30.02	30.01	30.01	30.06	30.04	30.07	30.13	30.11	30.18	30.08
	SD	.182	.222	.216	.163	.108	.090	.083	.079	.098	.133	.180	.196	.166
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	304	3644
1500	MEAN	30.14	30.09	30.00	29.97	29.96	29.96	30.01	29.99	30.02	30.08	30.07	30.14	30.04
	SD	.178	.214	.208	.159	.106	.087	.080	.079	.096	.131	.175	.192	.162
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	304	3644
1800	MEAN	30.15	30.09	30.00	29.96	29.95	29.95	30.00	29.98	30.02	30.08	30.08	30.16	30.04
	SD	.177	.210	.203	.156	.105	.083	.078	.075	.094	.130	.171	.190	.164
	TOT OBS	308	282	309	300	310	300	310	310	300	310	300	304	3643
2100	MEAN	30.17	30.11	30.03	29.99	29.98	29.98	30.03	30.01	30.05	30.11	30.10	30.17	30.06
	SD	.179	.211	.204	.155	.104	.086	.078	.075	.093	.132	.171	.192	.162
	TOT OBS	308	282	309	300	310	300	310	310	300	310	300	304	3643
ALL HOURS	MEAN	30.17	30.12	30.04	30.00	29.99	29.99	30.03	30.02	30.05	30.11	30.10	30.17	30.07
	SD	.182	.218	.211	.163	.109	.092	.084	.081	.099	.134	.177	.197	.166
	TOT OBS	2462	2256	2478	2400	2480	2400	2480	2480	2400	2480	2400	2437	29153

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.93	29.87	29.80	29.76	29.74	29.74	29.79	29.77	29.81	29.86	29.86	29.93	29.82
	SD	.178	.210	.204	.158	.102	.087	.078	.076	.093	.126	.173	.195	.161
	TOT OBS	306	282	310	300	310	300	310	310	300	310	300	306	3644
0300	MEAN	29.93	29.86	29.79	29.75	29.73	29.74	29.77	29.77	29.80	29.86	29.86	29.93	29.82
	SD	.179	.215	.205	.161	.103	.089	.079	.075	.093	.130	.174	.196	.164
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
0600	MEAN	29.94	29.88	29.81	29.78	29.77	29.77	29.81	29.80	29.83	29.89	29.88	29.94	29.84
	SD	.182	.220	.211	.166	.109	.092	.083	.077	.096	.135	.177	.196	.164
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
0900	MEAN	29.97	29.92	29.85	29.81	29.79	29.79	29.84	29.82	29.86	29.92	29.91	29.97	29.87
	SD	.181	.224	.218	.168	.109	.093	.083	.077	.098	.136	.181	.197	.168
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	305	3645
1200	MEAN	29.95	29.90	29.82	29.78	29.77	29.77	29.82	29.80	29.83	29.89	29.87	29.94	29.84
	SD	.180	.220	.215	.162	.108	.090	.083	.079	.098	.133	.179	.194	.165
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	304	3644
1500	MEAN	29.90	29.85	29.76	29.73	29.72	29.72	29.77	29.75	29.78	29.84	29.83	29.90	29.79
	SD	.177	.213	.207	.159	.106	.087	.080	.079	.096	.131	.175	.190	.162
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	304	3644
1800	MEAN	29.91	29.85	29.76	29.72	29.71	29.71	29.76	29.74	29.78	29.84	29.84	29.92	29.79
	SD	.175	.209	.202	.156	.105	.083	.078	.075	.094	.130	.170	.188	.163
	TOT OBS	308	282	309	300	310	300	310	310	300	310	300	304	3643
2100	MEAN	29.93	29.87	29.79	29.75	29.74	29.74	29.79	29.77	29.81	29.87	29.86	29.93	29.82
	SD	.177	.210	.203	.155	.104	.086	.078	.075	.093	.132	.170	.191	.161
	TOT OBS	308	282	309	300	310	300	310	310	300	310	300	304	3643
ALL HOURS	MEAN	29.93	29.88	29.80	29.76	29.75	29.75	29.79	29.78	29.81	29.87	29.86	29.93	29.83
	SD	.180	.216	.210	.163	.109	.092	.084	.081	.099	.134	.176	.195	.165
	TOT OBS	2462	2256	2478	2400	2480	2400	2480	2480	2400	2480	2400	2437	29153

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.4			922	.5			924				924	.4			924
CATEGORY B	1.3			963	1.1			984	1.2			1042	3.2			1040

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.3			924	.3			924	.1			924	.5			924
CATEGORY B	3.7	.2		1031	1.2			996	.7			978	1.7			975

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.2			4620	.3			7390
CATEGORY B	2.0	.0		5087	1.8	.0		8009

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306 STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.2			846				846				846	.7			846
CATEGORY B	1.6	.1	.1	899	.9			922	1.5			987	3.2	.2		1000

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	1.7			846	.7			846				846	.2			846
CATEGORY B	6.5	.1		961	3.6	.3	.1	960	.6			889	4.0	.1		911

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.6			4230	.4			6768
CATEGORY B	3.1	.1	.0	4797	2.7	.1	.0	7529

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.4			930				930				930	.8			930
CATEGORY B	2.3			957	1.0			998	.8			1035	3.8	.1		1046

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	1.4			930	1.2			930	.5			927	.1			927
CATEGORY B	7.2	.5		1020	5.2	.3		1001	2.1			988	2.3			968

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.8			4647	.6			7434
CATEGORY B	3.8	.2		5090	3.1	.1		8013

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.3			900	.1			900	.1			900	.4			900
CATEGORY B	1.8	.2	.2	929	.5	.1		939	1.4			973	3.3	.1	.1	962

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.9			900	.9			900	.2			900	.4			900
CATEGORY B	5.1	.5		950	4.7	.5	.1	942	2.5			942	2.4			918

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.5			4500	.4			7200
CATEGORY B	3.4	.2	.0	4769	2.7	.2	.1	7555

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			930				930	.3			930	.5			930
CATEGORY B	.5	.1		962	.4			1027	.7	.1		1067	2.2			1028

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.4			930	.2			930				930				930
CATEGORY B	4.1	.1	.1	1025	1.8			1012	1.2	.4	.1	982	.8			965

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.3			4650	.2			7440
CATEGORY B	2.0	.1	.0	5114	1.5	.1	.0	8068

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A				900				900				900		.2		900
CATEGORY B				916	.3			965	.1			1003	.7			961

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			900	.6			900	.2			900				900
CATEGORY B	1.4	.1		989	1.6	.2	.2	981	1.2	.2	.2	948	.1			929

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.2			4500	.1			7200
CATEGORY B	1.0	.1	.1	4882	.7	.1	.1	7692

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			930				930				930				930
CATEGORY B	.1	.1		951	.1	.1	.1	989	.1			1017	.4			1026

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			930	.2			930	.2			930	.1			930
CATEGORY B	1.5			1037	1.8	.1	.1	1025	.6			991	.3	.1	.1	950

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	.9	.0	.0	5096	.6	.1	.0	7986

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B				943	.1			987				1018	.4	.1		979

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A				930	.4			930	.1			930				930
CATEGORY B	.7			1000	1.6	.3	.3	1005	.3			972	.1			942

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	.6	.1	.1	4974	.4	.1	.0	7846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A				900				900				900				900
CATEGORY B				928				979				1025	.6			979

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A				900	.2			900				900				900
CATEGORY B	1.1			975	.9	.3	.3	979	.4			959	.1			937

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.0			4500	.0			7200
CATEGORY B	.6	.1	.1	4917	.4	.0	.0	7761

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.2			930	.1			930	.3			930	.4			930
CATEGORY B	.3			949	.1			982	.7			1042	1.4	.1		997

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			930	.3			930	.2			930	.4			930
CATEGORY B	1.7			992	1.1	.1	.1	974	.4			953	.6			952

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.3			4650	.3			7440
CATEGORY B	1.1	.0	.0	4958	.8	.0	.0	7841

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A				900				900	.1			900	.3			900
CATEGORY B	.6			954	.5			981	.7			1027	1.7			982

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.8			900	.1			900	.1			900	.2			900
CATEGORY B	2.8			974	1.6	.1	1	973	.3			949	1.1			943

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.3			4500	.2			7200
CATEGORY B	1.4	.0	.0	4905	1.2	.0	.0	7783

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.4			916	.4			915	.1			915				914
CATEGORY B	1.9	.1		983	1.7	.1		995	1.0			1045	1.6			1060

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.2			912	.1			912				912	.2			912
CATEGORY B	1.9	.2		1040	1.1			984	1.0			947	1.7			965

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.1			4565	.2			7308
CATEGORY B	1.3	.0		5076	1.5	.0		8019

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 130-310

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.2			10934	.1			10935	.1			10935	.3			10934
CATEGORY B	.9	.1	.0	11334	.6	.0	.0	11748	.7	.0		12281	1.9	.0	.0	12060

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.5			10932	.4			10932	.1			10929	.2			10929
CATEGORY B	3.1	.1	.0	11994	2.2	.2	.1	11832	.9	.1	.0	11498	1.3	.0	.0	11355

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE25	GE30	OBS	GE13	GE25	GE30	OBS
CATEGORY A	.3			54662	.2			87460
CATEGORY B	1.8	.1	.0	59665	1.4	.1	.0	94102

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRRR	TT	HHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) FOR (IF AVAILABLE). THE 30-YEAR FOR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR FOR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: JAN 59 - MAR 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1959	691	421	337	106	6					77	427	505	2570
1960	633	629	620	64	55					72	360	709	3142
1961	787	354	204	190	39	1			7	132	340	568	2622
1962	721	288	417	147					9	98	394	717	2791
1963	843	659	234	86	22				8	31	302	845	3030
1964	660	607	306	52	3					170	281	526	2605
1965	572	550	487	51					11	126	238	528	2563
1966	818	470	323	116	22	4			2	174	279	572	2780
1967	576	576	206	34	23				33	125	426	461	2460
1968	680	712	382	55	14					119	392	684	3038
1969	628	503	497	66	11					126	423	651	2905
1970	815	591	397	73	21				3	100	423	505	2928
1973	701	571	130	158	****				6	77	249	608	2500
1974	434	488	175	134					41	153	405	565	2395
1975	503	396	352	159					39	88	334	577	2448
1976	696	276	213	93	47				7	222	564	706	2824
1977	1017	540	235	68	3					165	281	618	2927
1978	942	769	456	107	31					147	223	584	3259
1979	901	600	294	93	20					105	391	567	2971
1980	594	599	411	108	3				3	159	354	609	2840
1981	752	466	375	29	28				17	127	285	624	2703
1982	641	482	226	199	8				29	157	339	435	2516
1983	677	499	372	205	15				25	82	329	729	2933
1984	781	469	355	133	26				15	26	388	****	2193
1985	858	626	240	126	12				10	50	162	****	2084

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1986	660	382	253	89	12		2		93	233	631	2355
1987	692	438	288	177					193	281	445	2514
1988	773	583	338	94	8			1	209	262	558	2826
1989	478	550	284	177	45		21	128	326	842	2851	
1990	461	281	235	147	31		12	163	247	465	2042	
1991	618	405	224									1247
.....												
MEAN	696	509	318	111	17	0	0	9	123	331	601	
SD	138.74	122.22	108.43	49.96	15.50	.75	.37	12.32	49.02	83.30	106.78	

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723306

STATION NAME: COLUMBUS AFB MS
LST TO UTC: + 6

PERIOD OF RECORD: JAN 59 - MAR 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1959		4	8	76	310	419	540	554	350	149	8		2418
1960	7		2	94	208	436	572	525	354	128			2326
1961		6	31	51	165	322	448	453	339	60	27	4	1906
1962		17	6	72	389	433	575	553	306	153			2504
1963			46	108	244	426	445	466	255	109	16		2115
1964			13	114	230	456	457	459	331	38	33	5	2136
1965	3	6	2	122	301	373	483	466	341	48	18		2163
1966	2		13	87	169	331	574	427	267	27	16	14	1927
1967		1	74	154	199	409	385	332	177	58		7	1796
1968			24	105	196	459	479	489	216	117	2		2087
1969			1	52	219	428	574	436	247	90			2047
1970	1			122	243	368	483	472	425	61	1	7	2183
1973			30	42	****	410	493	417	345	145	28		1910
1974	4	2	74	66	330	278	471	421	147	33	23	1	1850
1975	8		25	77	252	377	497	483	221	91	34	1	2066
1976		14	40	50	72	324	458	401	182	22			1563
1977		2	24	68	256	478	532	518	377	33	2	2	2292
1978			1	56	240	456	551	530	347	29	9	10	2229
1979		1	19	46	159	346	515	453	236	65			1840
1980		6	2	45	240	436	658	603	443	55	2		2490
1981			11	132	137	458	571	491	238	68	10		2116
1982	4	1	71	32	267	368	506	460	239	80	9	29	2066
1983			8	25	189	313	508	559	269	75	6	4	1956
1984			21	52	206	467	483	469	261	186	7	****	2152
1985			37	77	178	429	495	456	264	144	52	****	2132

1986		8	15	68	223	487	645	467	427	86	26		2452
1987			3	41	245	361	555	596	338	11	16	9	2185
1988			16	58	155	392	485	534	326	20	15		2001
1989	1	24	32	103	187	344	450	443	252	63	15		1914
1990		18	34	69	185	448	488	539	404	91	19	2	2297
1991			43										43
.....													
MEAN	0	3	23	75	220	401	512	482	297	77	13	3	
SD	2.09	6.31	21.35	32.26	63.03	55.73	60.25	59.70	77.49	45.97	12.89	6.27	

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A W S CLIMATIC BRIEF DEC 91	STATION NAME: COLUMBUS AFB MS												FIELD ELEV: 219 FT			
	LATITUDE/LONGITUDE: 33 39 N 088 27 W												STATION MSC: 723306			
	HOURLY OBS POR: APR 81 - MAR 91												CALL SIGN: KCBM			
	SUMMARY OF DAY POR: MAR 42-JUN 46, NOV 58-MAR 91															
HOURS SUMMARIZED: 0000 - 2300 LST												SUPERSEDES: DEC 86				
LST TO UTC: +06																
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)		81	84	88	94	96	104	105	106	102	92	84	83	106	39	
MEAN MAX TEMP (F)		52	57	66	75	82	89	91	90	85	75	65	55	73	39	
MEAN TEMP (F)		43	47	55	64	71	78	81	80	74	63	54	45	63	39	
MEAN MIN TEMP (F)		33	37	44	52	60	68	71	70	64	51	42	36	52	39	
EXTRM MIN TEMP (F)		-2	10	15	28	38	43	55	51	36	30	15	-2	-2	39	
D/W TEMP GE 95 (F)		0	0	0	0	1	4	7	6	1	0	0	0	19	39	
D/W TEMP GE 90 (F)		0	0	0	1	4	14	20	18	8	1	0	0	66	39	
D/W TEMP LT 33 (F)		16	11	4	1	0	0	0	0	0	1	5	14	52	39	
D/W TEMP LT 20 (F)		3	1	#	0	0	0	0	0	0	0	#	2	6	39	
HEATING DEGREE DAYS		696	509	318	111	17	#	0	#	9	123	331	601	2715	33	
COOLING DEGREE DAYS		#	3	23	75	220	401	512	482	297	77	13	3	2106	33	
MEAN DEWPOINT TEMP (F)		33	37	43	48	58	66	70	68	63	52	45	36	52	10	
MEAN WET BULB TEMP (F)		38	42	49	55	63	70	73	72	66	56	50	41	56	10	
99.95% WCPA (FT)		550	700	750	650	500	450	400	400	400	450	600	600	600	10	
MEAN REL HUM 07 LST(%)		80.5	80.2	77.4	77.1	80.2	80.9	83.1	82.9	84.9	84.9	82.8	80.4	81.3	10	
MEAN REL HUM 13 LST(%)		59.4	58.4	51.9	48.8	53.4	53.7	55.6	53.7	53.5	52.8	54.9	58.2	54.5	10	
MAX 24HR PRECIP (IN)		6.65	4.32	6.07	5.76	4.05	3.33	4.76	2.76	4.60	5.16	3.68	5.95	6.65	39	
MAX PRECIP (IN)		13.03	10.02	16.20	13.09	12.71	6.76	11.20	9.27	10.87	8.42	10.70	15.38	79.70	39	
MEAN PRECIP (IN)		5.15	5.22	6.35	5.69	5.19	3.36	4.42	3.61	3.66	3.38	4.56	5.80	56.44	39	
MIN PRECIP (IN)		.83	1.43	1.59	.64	1.38	.38	.63	.74	.18	#	.70	1.12	35.95	39	
D/W PRECIP GE .01 (IN)		11	10	11	9	9	11	8	8	7	9	10	112	39		
D/W PRECIP GT .50 (IN)		3	3	4	4	3	2	3	3	2	2	3	4	36	39	
MAX 24HR SNFL (IN)		7.3	7.0	3.0	1.2	0	0	0	0	0	0	.7	7.0	7.3	39	
MAX SNFL (IN)		7.4	11.0	3.8	1.5	0	0	0	0	0	0	1.0	8.0	11.0	39	
MEAN SNFL (IN)		1.0	.5	.2	#	0	0	0	0	0	0	.1	.5	2.1	39	
D/W SNFL GE .1 (IN)		1	1	1	#	0	0	0	0	0	0	#	1	4	39	
D/W SNFL GE 1.5 (IN)		1	#	#	0	0	0	0	0	0	0	0	#	1	39	
MAX DLY SNO DEPTH (IN)		7	8	1	2	0	0	0	0	0	0	#	4	8	39	
PRVING WND DIR (DEG)		\$35-01	\$35-01	\$17-19	\$17-19	\$17-19	\$14-16	\$17-19	\$35-01	\$35-01	\$35-01	\$14-16	\$35-01	\$35-01	10	
MEAN WND SPD (KTS)		5	5	5	4	4	3	3	2	3	3	4	5	4	10	
MAX WND SPD (KTS)		54	51	70	52	56	58	71	56	46	43	54	53	71	35	
SKY COVER GT 5/10 (%)		58.8	62.8	59.1	51.2	52.6	48.1	46.1	43.0	40.7	45.8	53.7	60.0	51.8	10	
D/W THUNDERSTORMS		2	3	5	6	7	9	12	9	5	2	2	2	64	39	
D/W FOG (VSBY LT 7 MI)		15	13	13	13	17	17	19	22	20	19	15	14	197	39	
LEGEND: ANN = ANNUAL																
D/W = MEAN NUMBER OF DAYS WITH																
& = BASED ON LESS THAN FULL MONTHS																
** = INSTANTANEOUS PEAK WINDS																
* = DATA NOT AVAILABLE																
POR/YOR = PERIOD/YEARS OF RECORD																
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE																
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE																
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	27.7	27.8	18.6	11.1	10.2	4.9	6.3	5.7	8.8	17.3	18.1	26.1	15.2	10
	03 - 05	31.3	31.4	23.5	16.3	18.4	14.1	17.7	17.2	16.2	21.6	25.4	31.0	22.0	10
	06 - 08	34.5	36.1	28.4	20.8	23.2	20.1	24.3	29.0	25.4	30.9	35.4	32.7	28.4	10
	09 - 11	31.6	35.0	26.6	20.6	20.8	18.9	16.1	17.0	20.2	23.9	30.8	31.1	24.4	10
	12 - 14	28.2	31.9	21.1	13.3	10.1	8.9	7.2	8.4	11.3	18.3	24.6	28.3	17.6	10
	15 - 17	24.8	25.9	13.5	8.9	4.4	4.9	2.4	3.8	6.2	12.8	16.4	22.8	12.2	10
	18 - 20	22.6	22.6	13.4	5.7	5.4	3.0	1.5	4.0	6.1	11.9	15.2	20.8	11.0	10
	21 - 23	24.4	24.1	14.3	5.3	6.5	3.9	3.4	4.7	6.3	14.1	16.8	21.4	12.1	10
	ALL	28.1	29.3	19.9	12.7	12.4	9.8	9.9	11.2	12.6	18.8	22.8	26.8	17.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	19.5	16.8	9.9	5.4	6.5	3.9	4.8	4.4	6.4	13.2	10.6	15.7	9.8	10
	03 - 05	22.1	21.4	12.5	9.6	12.5	11.2	16.2	15.4	12.4	17.0	16.0	19.7	15.5	10
	06 - 08	24.6	24.8	16.8	13.0	16.2	16.0	22.3	26.2	21.3	25.7	24.8	21.7	21.1	10
	09 - 11	23.1	23.5	13.7	8.1	8.2	4.6	7.8	9.5	11.0	15.9	19.4	19.6	13.7	10
	12 - 14	18.7	18.7	8.8	4.1	3.0	1.3	2.2	3.7	4.9	6.9	11.4	16.6	8.4	10
	15 - 17	14.1	14.7	6.0	3.9	1.4	1.9	1.0	2.4	2.9	6.7	7.9	13.6	6.4	10
	18 - 20	14.5	12.9	6.8	3.8	2.2	2.2	.8	2.0	2.8	7.5	8.6	12.5	6.4	10
	21 - 23	16.2	13.0	7.0	3.6	3.7	2.6	2.4	3.4	3.8	9.8	10.6	14.0	7.5	10
	ALL	19.1	18.2	10.2	6.4	6.7	5.5	7.2	8.4	8.2	12.8	13.7	16.7	11.0	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	14.4	12.3	5.8	3.8	3.1	2.3	2.9	2.0	4.1	9.9	6.7	11.6	6.6	10
	03 - 05	15.5	14.3	8.5	6.7	6.8	7.2	10.2	9.9	7.8	12.6	11.8	13.2	10.4	10
	06 - 08	18.1	18.8	10.6	8.3	9.2	9.0	13.1	15.1	13.3	16.6	17.6	15.2	13.7	10
	09 - 11	16.8	14.8	7.8	4.7	2.9	1.2	2.5	3.7	5.8	10.4	13.2	13.8	8.1	10
	12 - 14	12.0	11.5	5.1	1.9	1.0	.2	.4	.8	1.8	3.9	7.0	10.0	4.6	10
	15 - 17	9.0	9.1	3.8	1.4	.3	.7	.3	.8	2.0	3.4	5.0	9.4	3.8	10
	18 - 20	10.2	8.6	3.3	2.3	.8	.7	.2	.2	1.6	4.3	5.2	8.1	3.8	10
	21 - 23	12.8	9.6	3.8	2.1	1.4	.9	.9	.6	2.1	7.0	5.9	9.3	4.7	10
	ALL	13.6	12.4	6.1	3.9	3.2	2.8	3.8	4.1	4.8	8.5	9.0	11.3	6.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.7	.2	.6	.3	.0	.0	.0	.2	1.0	.9	.3	.8	.5	10
	03 - 05	2.2	.8	1.4	1.0	.8	.2	.5	1.5	1.7	1.3	.8	1.7	1.2	10
	06 - 08	1.7	1.2	.8	.9	.6	.0	.5	1.1	.6	1.4	1.4	1.2	.9	10
	09 - 11	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0	.3	.1	.1	10
	12 - 14	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.2	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	10
	18 - 20	.3	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	10
	21 - 23	.8	.1	.0	.0	.1	.0	.0	.1	.1	.3	.4	.9	.2	10
	ALL	.9	.4	.3	.3	.2	.1	.1	.4	.4	.5	.4	.6	.4	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD :

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/2	0/0	1/1	0/1	1/1	0/0	0/0	2/5
120NM	0/0	0/0	0/0	0/0	0/0	0/5	0/1	2/6	1/8	1/3	0/0	0/0	4/23
240NM	0/0	0/0	0/0	0/0	0/0	2/10	2/3	10/16	14/25	2/12	0/0	0/0	30/66

REMARKS : @

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